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U. S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KEY TO METEOROLOGICAL RECORDS DOCUMENTATION NO. 5.38

CATALOGUE OF METEOROLOGICAL SATELLITE DATA–TIROS VIII TELEVISION CLOUD PHOTOGRAPHY

Part 2

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CATALOGUE OF METEOROLOGICAL SATELLITE DATA—TIROS VIII TELEVISION CLOUD PHOTOGRAPHY

Part 2

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PURPOSE

The Key To Meteorological Records Documentation Series has been established to provide guidance information to research personnel making use of climatological data.

Frequently users of such data have found it necessary to spend a great deal of time establishing whether the criteria for observing or computing various elements have changed over the period of record or in what form the data are available.

It is therefore hoped that the presentation of this series may not only conserve valuable time but may have a direct influence in improving the accuracy of research results.

PREFACE

This bulletin is one of a series describing the television cloud photographs obtained by the TIROS VIII meteorological satellite. It contains a listing of the cloud photograph sequences taken during the period from July 1, 1964 to December 31, 1964, together with a set of maps showing a schematic nephanalysis for each sequence. It also describes how copies of these photographs may be obtained from the National Weather Records Center. Similar material covering subsequent periods of this satellite's operation will be published in separate catalogues.

Documentation Section
National Weather Satellite Center

EARLIER TIROS DATA CATALOGUES

Catalogues of earlier TIROS Meteorological Satellite data are available in this series, as follows:

No. 5.31 "Catalogue of Meteorological Satellite Data - TIROS I Television Cloud Photography", published in 1961, price 70 cents.

No. 5.32 "Catalogue of Meteorological Satellite Data - TIROS II Television Cloud Photography", published in 1963, price 20 cents.

No. 5.33 "Catalogue of Meteorological Satellite Data - TIROS III Television Cloud Photography", published in 1962, price 70 cents.

No. 5.34 "Catalogue of Meteorological Satellite Data - TIROS IV Television Cloud Photography", published in 1963, price $1.00.

No. 5.35 "Catalogue of Meteorological Satellite Data - TIROS V Television Cloud Photography", published in 1964, price $1.75.

No. 5.36 "Catalogue of Meteorological Satellite Data - TIROS VI Television Cloud Photography", published in 1964, price $2.00.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 1 June 19, 1963 to December 31, 1963", published in 1965, price $1.25.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 2 January 1, 1964 to June 30, 1964", published in 1965, price $1.00.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 3 July 1, 1964 to December 31, 1964", in press.

No. 5.38 "Catalogue of Meteorological Satellite Data - TIROS VIII Television Cloud Photography Part 1 December 21, 1963 to June 30, 1964", published in 1965, price $1.00.

CATALOGUE OF METEOROLOGICAL SATELLITE DATA
TIROS VIII TELEVISION CLOUD PHOTOGRAPHY
PART 2 -- July 1, 1964 to December 31, 1964

The TIROS VIII meteorological satellite was launched on December 21, 1963 by the National Aeronautics and Space Administration. Traveling in a nearly circular orbit, it averaged about 392 nautical miles above the earth's surface with a difference of 27 nautical miles between apogee and perigee. It had an orbital period of 99.5 minutes which corresponds to 14 and a fraction passes around the earth each day. The orbit was inclined at an angle of 58.5° to the earth's equatorial plane and thus picture coverage was obtained only in the zone bounded roughly by 65°N. and S. latitude.

The satellite was spinning at a rate that varied between 8 and 12 rpm. Being spin-stabilized, the spin axis orientation in space changed only gradually during its operational lifetime. The cameras, mounted with their optical axes parallel to the spin axis, were able to view the earth during less than half of each orbital pass. Usable picture coverage was thus restricted to the portion of each orbital pass during which the underlying earth was both sunlit and within view of the cameras.

TIROS VIII was equipped with two camera systems, one of which (Camera 1) was a recording television system similar to those on earlier satellites in the TIROS series. The other (Camera 2) was a newly developed automatic picture transmission (APT) system which was being flight tested. Each camera had a wide-angle lens which viewed an area about 750 miles square when the optical axis was normal to the earth's surface. At other times a larger area was viewed in oblique perspective.

The APT system (Camera 2) was a slow scan television system which took pictures automatically and transmitted them immediately to appropriately equipped ground stations. The APT experiment, in which some 50 stations throughout the world participated, was terminated by the end of April 1964.

The descriptions and tabulated listings of cloud picture sequences which follow pertain only to the camera 1 television recording system.

Camera 1 action aboard TIROS VIII was controlled from three Command-and-Data-Acquisition (CDA) stations: one located at Wallops Station near Chincoteague, Va.; one at Pacific Missile Range, Point Mugu, Calif.; and the other at Gilmore Creek, Fairbanks, Alaska. The satellite came within radio range of one or more of these stations for a few minutes each on 8 or sometimes 9 of its 14 daily passes. During these radio contacts the CDA station could:

1. receive a series of television pictures directly as they were taken, if it was daytime and the optical axes were appropriately oriented;
2. command the Camera 1 system to take pictures remote from the CDA station after a specified time delay and store them on tape aboard the satellite;
3. play back a previously commanded tape sequence.

Pictures received by the direct mode were taken only over the United States and nearby ocean areas, while tape sequences usually show other parts of the world. In the region traversed during the five or six consecutive passes when the satellite could not be contacted, picture coverage was limited to one tape sequence each day.

Tape pictures were obtained in sequences up to 32 frames each. Direct sequences were usually shorter and more variable in length. Occasionally the direct pictures obtained at one station on one pass may be grouped into two sequences if the series was interrupted to permit playback of a tape sequence. The time interval between frames was either 10 or 30 seconds in most direct sequences, and was always 30 seconds in tape sequences.

The pictures are virtually square with some small distortion resulting from the particular setting of the electronic readout equipment. "Fiducial marks" etched on the face of the vidicon tube appear in the picture image as a central cross and four L-shaped corners, although they may show poorly or not at all against a dark background.

Since the satellite was spinning, the earth's image rotates from frame to frame by an amount that depends on how much the satellite's spin rate departed from being an integral number of rotations during the picture-taking interval. The rotation rate may be considered constant during any one sequence. The center of rotation, which is the point where the optical and spin axes intersect the image plane, is not quite the central fiducial cross mark, being displaced slightly to the lower right on tape pictures and to the upper left on direct pictures. Copies of the focus sheets which show its location with respect to the fiducial marks may be obtained from the Documentation Section, National Weather Satellite Center. Reproduction of the focus sheets are also included on the microfilms of latitude-longitude overlay grids.

Cloud picture transmissions received at CDA stations were displayed on a television screen and simultaneously recorded on magnetic tape. A 35 mm. camera photographed the television screen, including also a lighted panel board mounted underneath. The panel board information provides a legend for each picture including camera number, mode (TAPE or DIRECT), frame number, orbital pass number, and station initial preceded by "VIII" for TIROS VIII. Occasionally a clock appears in the legend but the time shown has no relation to picture taking time.

In the example of figure 1, the legend indicates the picture was received and taken on orbital pass number 3022 and that it is a DIRECT picture taken by camera 1. The letter P at right center following the number "VIII" indicates the picture was acquired at the Point Mugu, California station.

The panel board legend also contains a series of numerals whose sum indicates the frame number. In figure 1, the frame number is 15, representing the sum of 1, 2, 4, and 8. (At the bottom of the panel board is a similar series of numerals intended to give information on sun angle, but the system did not work properly and the values cannot be easily interpreted.) Within each sequence, the indicated frame numbers increase in the order that the pictures were received at the CDA station. For direct mode this is the time order in which the pictures were taken. But tape sequences were played back to the station in reverse time order. Pictures of both modes are arranged on the film in order of increasing frame number; therefore it is important to note that this arrangement is correct time order for direct sequences, but is reverse time order for tapes.

The orderly time sequence of pictures is sometimes interrupted by spurious noise frames or complicated by skipped frames. In such cases the frame numbers are not a dependable indicator of real picture counts. However, the regular rotation of image orientation is often a helpful clue in determining the actual time interval between particular frames.

The following pages of maps and tabulated listings give descriptive information about the pictures obtained by TIROS VIII. In the listings each picture sequence is described by one line, and for each station the sequences are listed in the order in which they appear on the film reel. The column headings and entries have the following meanings:

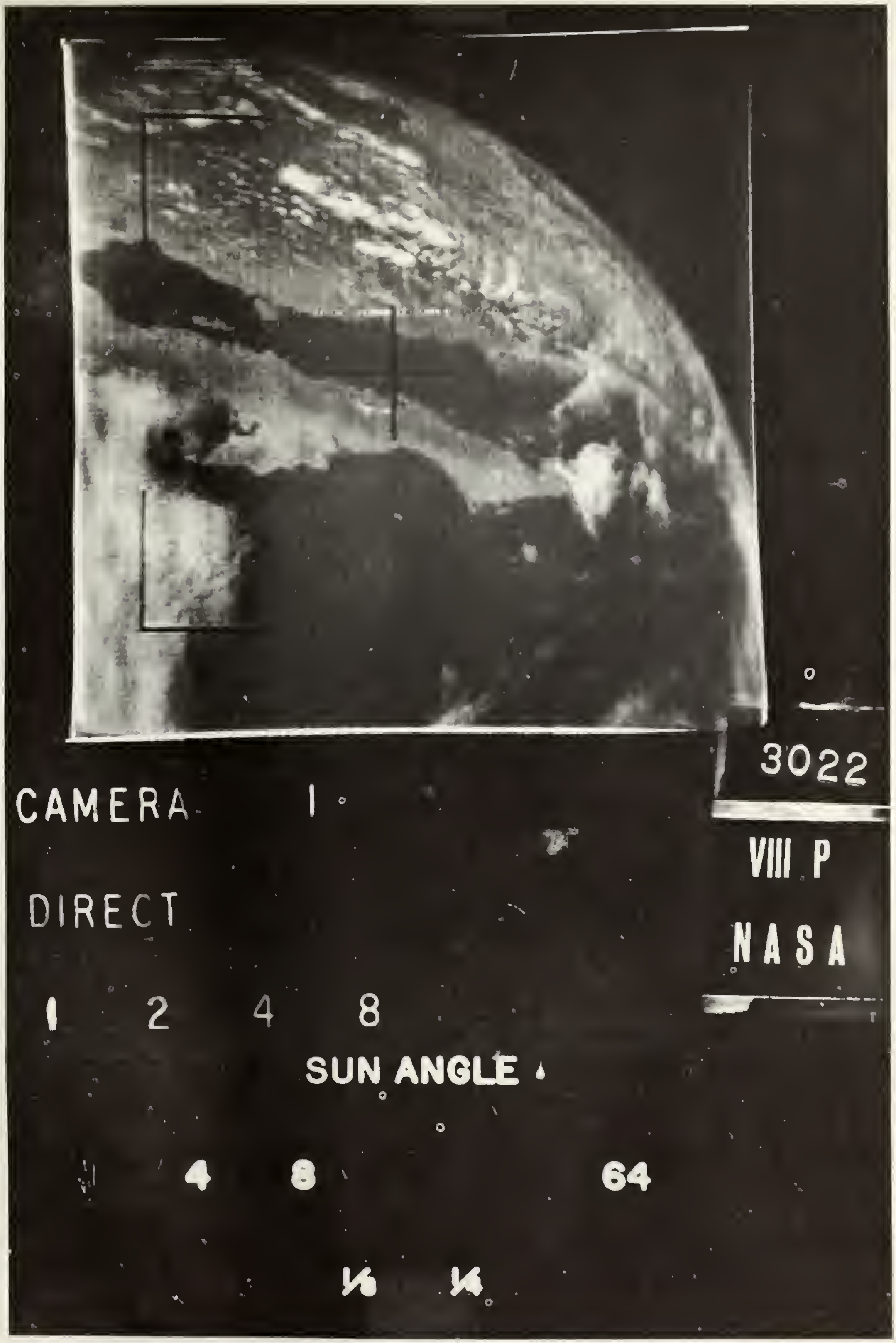

3022
VIII P
NASA
CAMERA 1
DIRECT
1 2 4 8
SUN ANGLE
4 8 64
1/8 1/4

Figure 1 - Example of TIROS VIII Cloud Photography

REEL: Number of the film reel which contains the sequence.

FILM LEGEND: This section gives the information actually appearing on the film in the panel board accompanying each picture. This information is used to identify the sequence on the film reel.

PASS: Orbital pass number on which the pictures were read out, as indicated in the upper right corner of the legend.

M: Mode of transmission indicated in the legend.

D = Direct

T = Tape

C: Camera number indicated in the legend.

1 = Camera number one

S: CDA station which received the sequence.

W = Wallops Station, Va.

P = Point Mugu, (Pacific Missile Range), Calif.

F = Fairbanks, Alaska

PICTURE SEQUENCE DATA: This section documents the picture content. Sequences having no usable frames or unknown times are on the film reel and are therefore included in the listings, but are not fully documented in this section.

PASS: Orbital pass number on which the first picture of the sequence was taken. For direct sequences this pass number and the readout pass number given under FILM LEGEND are the same. For tape sequences, however, picture taking usually began on an earlier pass.

DATE: Month and day of the middle frame of the sequence.

TIME: Approximate time, in hours and minutes (GMT), of the midpoint in the sequence. This time is also given with the nephanalysis on the coverage map.

FRAME:

TI: Time interval, in seconds, between frames. V indicates time interval varies within the sequence.

US: Number of usable frames in the sequence.

+: Number of frames in which the central fiducial cross mark appears on the earth, indicating that the earth's image occupies a substantial portion of the picture.

GEOGRAPHICAL AREA COVERED: Column headings refer to numbered areas outlined on the first map. Column entries indicate the areas included in the picture sequence.

METEOROLOGICAL AND OTHER FEATURES:

EXTRATROPICAL CIRCULATIONS - TABLE (1)

0. CLOUD VORTEX (Well Defined)
1. CLOUD VORTEX (Poorly Defined)
2. CLOUD VORTEX (With Frontal Band or Other Associated Band(s))
3. CLOUD VORTEX (WITH DOUBLE CENTER)
4. CIRCULATION CENTER
5.
6.
7.
8.
9. CLOUD VORTEX (Unusual Appearance)

TROPICAL DISTURBANCES - TABLE (2)

0. Hurricane or TYPHOON (Named)
1. Tropical STORM (Named)
2. CLOUD VORTEX (Well Defined)
3. CLOUD VORTEX (Poorly Defined)
4. DISTURBED AREA (2° or less in extent)
5. DISTURBED AREA (2° to 4° in extent)
6. DISTURBED AREA (Over 4° in extent)
7. ASYMPTOTES OF CONVERGENCE
8. APPARENT ITC ZONE
9.

BANDS - TABLE (3)

0. PROBABLE FRONT (Well Defined)
1. PROBABLE FRONT (Poorly Defined)
2. APPARENT OCCLUDED FRONT
3. APPARENT STABLE OR OPEN WAVE
4. PROBABLE FRONT (With Cloud Vortex)
5. BAND, LOW LATITUDE (Within 15° of the Equator)
6. BAND, HIGH THIN CLOUDS (Possible Jet Association)
7. PRESUMED NON-FRONTAL
8.
9. BAND OF UNUSUAL APPEARANCE

CLOUD FEATURES - TABLE (4)

0. SOLID CELLS (Random)*
1. SOLID CELLS (Organized Pattern)*
2. HOLLOW POLYGONAL OR CRESCENT PATTERN*
3. VERMICULATED CLOUD PATTERN*
4. COASTAL STRATUS
5. INLAND STRATUS OR FOG (Including Penetrating Coastal Stratus)
6. CLOUD STREETS (Extratropical)
7. CLOUD STREETS (Tropical)
8.
9.

*0, 1, 2 and 3 refer to homogeneous cloud field greater than 3° of great circle arc in diameter.

CLOUD FEATURES - TABLE (5)

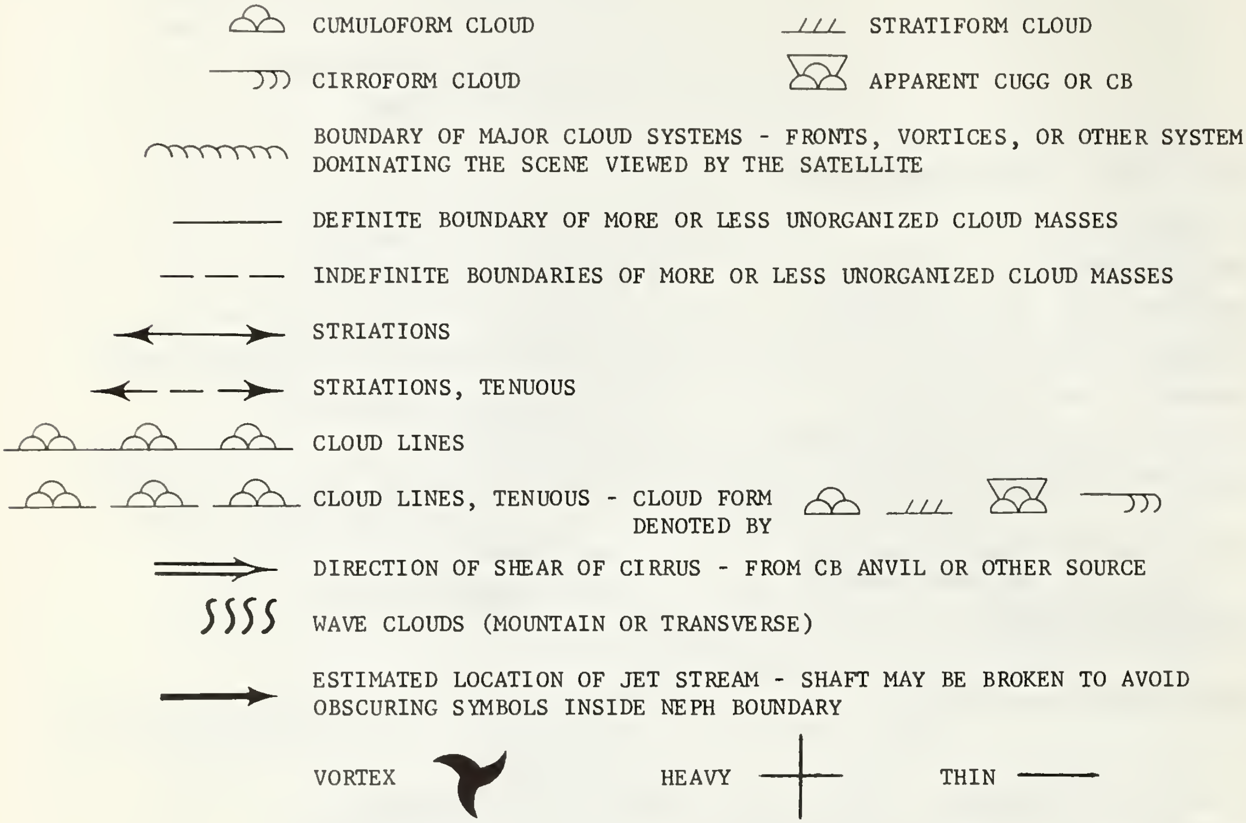
0. CUMULONIMBUS (No Apparent Organization)
1. CB's or Other Evidence of Violent Weather over the United States
2. CB's in Apparent Squall Lines
3. EDDY PATTERNS
4. VORTICAL PATTERN IN A CELLULAR FIELD
5. MOUNTAIN WAVE CLOUDS
6. APPARENT GRAVITY WAVES (Not Obviously Associated with Terrain)
7.
8.
9. UNUSUAL CLOUD CONFIGURATION

MISCELLANEOUS - TABLE (6)

0. ICE OR SNOW (Glacial)
1. SNOW (Non-Mountainous)
2. SNOW (Mountain)
3. ICE ON SEAS
4. ICE ON LAKES OR RIVERS
5. SUN GLINT
6. HAZE OR SMOG
7. PROBABLE CONTRAILS
8. LANDMARK OF EXCEPTIONAL QUALITY
9. LANDMARK, DISCERNIBLE

Following the listings is a series of maps which shows the area covered by each sequence having usable frames and for which picture taking time has been determined. Most of the picture sequences were analyzed for their cloud content during routine operations, and these nephanalyses have been reproduced on the maps. Satellite attitude and exposure time are not always accurately known at the time the nephanalyses are constructed. However, most of the nephanalyses are considered to be geographically accurate to about ± 2° with a few ranging from ±1° to ±5°. Users are cautioned not to attribute any greater accuracy to the location of cloud patterns shown.

The symbols used in the nephanalyses are defined by the following legends:



CUMULOFORM CLOUD

STRATIFORM CLOUD

CIRROFORM CLOUD

APPARENT CUGG OR CB

BOUNDARY OF MAJOR CLOUD SYSTEMS - FRONTS, VORTICES, OR OTHER SYSTEM DOMINATING THE SCENE VIEWED BY THE SATELLITE

DEFINITE BOUNDARY OF MORE OR LESS UNORGANIZED CLOUD MASSES

INDEFINITE BOUNDARIES OF MORE OR LESS UNORGANIZED CLOUD MASSES

STRIATIONS

STRIATIONS, TENUOUS

CLOUD LINES

CLOUD LINES, TENUOUS - CLOUD FORM DENOTED BY

DIRECTION OF SHEAR OF CIRRUS - FROM CB ANVIL OR OTHER SOURCE

WAVE CLOUDS (MOUNTAIN OR TRANSVERSE)

ESTIMATED LOCATION OF JET STREAM - SHAFT MAY BE BROKEN TO AVOID OBSCURING SYMBOLS INSIDE NEPH BOUNDARY

VORTEX HEAVY THIN

CLOUD AMOUNT

OPEN (O) = 20% coverage
MOSTLY OPEN (MOP) = 20-50% coverage
MOSTLY COVERED (MCO) = 50-80% coverage
COVERED (C) = 80% coverage

NOTE: STIPPLING WILL BE USED TO EMPHASIZE THE AREAS CONSIDERED BY THE ANALYST TO BE OF GREATEST SYNOPTIC SIGNIFICANCE.

When no nephanalysis was available for a usable sequence, a generalized outline of the area covered is shown instead.

The coverage swaths are grouped by PASS DAY, which includes all sequences taken on or near the series of 8 or 9 consecutive passes that come within range of the CDA stations each 24-hour period. These passes may fall on one or on two calendar days, and the maps are dated accordingly. Tape swaths are identified by the readout pass number, followed by the picture-taking pass number. Direct swaths are identified by a single pass number and the letter D. Midpoint time is given for all swaths, and camera number is added when necessary to identify definitely the sequence to which the swath applies. Two direct sequences acquired at the same station on the same pass are normally combined in one swath, since the short interruption for tape playback usually does not cause a significant gap in the coverage.

TIROS VIII master films will be deposited at the National Weather Records Center (NWRC), Environmental Science Services Administration, U. S. Department of Commerce, Federal Building, Asheville, North Carolina 28801. Persons or institutions desiring copies may order them from NWRC in the form of 35 mm. positive transparencies for projection or 35 mm. duplication negatives from which opaque prints can be made. The pictures are stored chronologically on 100-foot reels. Orders must be placed for one or more complete reels, at a cost of $6.50 each, as it is not now possible to furnish copies of individual frames or to provide enlargements or other picture formats. All copies will be furnished with sprocket holes, since the necessary film emulsion is available only in this form.

Geographic locator grids, for overlay on the pictures, were computed at the CDA stations in the routine preparation of TIROS VIII nephanalyses. Microfilm copies of these grids, which have latitude and longitude lines spaced at 5° intervals, are available from NWRC. The individual nephanalyses will also be available on microfilm.

A complete listing of satellite latitude, longitude, and height for all usable sequences, together with other information useful in determining precise location of TIROS VIII pictures, will be available on microfilm from NWRC. Detailed listings of picture-taking time for all frames are contained in the "TIROS VIII FRAME LOGS" which are on file at the Documentation Section, National Weather Satellite Center, and will also be made available on microfilm from NWRC.

Detailed descriptions of the problems and uncertainties encountered in geographically locating TIROS pictures are contained in References 1 and 2. Reference 3, on the other hand, describes a meticulous hand-rectification method which will produce excellent location information.

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1. Hubert, L. F.: "TIROS I Camera Attitude Data, Analysis of Location Errors, and Derivation of Correction for Calibration", Meteorological Satellite Laboratory Report No. 5, U. S. Weather Bureau, Washington, D. C., 1961.

2. Pyle, R. L. : "Documentation for TIROS IV Television Data", Meteorological Satellite Laboratory Report No. 16, U. S. Weather Bureau, Washington, D. C., 1963.

3. Fujita, T. : "A Technique For Precise Analysis For Satellite Data; Volume I - Photogrammetry", Meteorological Satellite Laboratory Report No. 14, U. S. Weather Bureau, Washington, D. C., 1963.

REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
863	2795	T	1	W	2794	0701	0433	30	24	15	1 7			1	16		
863	2798	T	1	F	2796	0701	0751	30	25	25	1	1		7	02		09
863	2806	T	1	W	2801	0701	1608	30	16	11	2			0	1		
863	2807	T	1	W	2806	0702	0025	30	32	28	1			1		0	
863	2808	T	1	P	2807	0702	0205	30	32	32	1	4		01	016	3	
863	2810	T	1	W	2809	0702	0523	30	32	32	1 9	04		01	2	0	
863	2820	T	1	W	2819	0702	2157	30	32	32	1			0	01	6	
863	2821	T	1	W	2820	0702	2337	30	31	28	1			7	12	06	
863	2822	T	1	P	2821	0703	0117	30	31	27	1	0		0	0167		
863	2824	T	1	W	2823	0703	0436	30	32	30	1 9			016		06	
863	2826	T	1	F	2825	0703	0754	30	32	30	1			1	136		09
863	2835	T	1	W	2834	0703	2249	30	32	32	1			1	07	0	
863	2836	T	1	P	2835	0704	0030	30	32	32	1	0		1	217	3	
863	2839	T	1	W	2837	0704	0348	30	32	32	1 9			0	32	0	
864	2840	T	1	W	2839	0704	0706	30	32	32	1 9			1	42	0	
864	2849	T	1	W	2848	0704	2200	30	32	32	1	4		0	06	0	
864	2851	T	1	P	2849	0704	2340	30	32	32	1 5			1	26		
864	2853	T	1	W	2851	0705	0300	30	24	24	1 9			0	063	0	
864	2854	T	1	W	2853	0705	0618	30	32	32	1 5 9			1	05		9
864	2867	T	1	W	2866	0706	0354	30	32	32	1 5 9		68	0	067	09	
864	2869	T	1	F	2868	0706	0712	30	30	30	1 5	12	8	1	6	0	9
864	2870	T	1	P	2869	0706	0849	30	32	32	1				0167	0	
864	2880	T	1	P	2879	0707	0127	30	32	32	1 5	0	8	05	167	9	
864	2882	T	1	W	2881	0707	0445	30	32	32	1 5 9		58		067	0	8
864	2883	T	1	W	2882	0707	0625	30	32	30	1 5 9		0	0	0	0	9
864	2885	T	1	P	2883	0707	0804	30	32	31	1 3		8		0167	0	
864	2896	T	1	W	2895	0708	0357	30	32	32	1 5 9		68		7	0	8
864	2897	T	1	W	2896	0708	0537	30	32	32	1 5 9		6	1	0	0	9
864	2899	T	1	P	2897	0708	0722	30	32	25	1 3 5		58		0167	0	
864	2906	T	1	W	2904	0708	1853	30	32	30	1 4 8		58		4	0	18
864	2906	D	1	W	2906	0708	2041	10	06	00	4 7			0	0	0	
865	2908	D	1	P	2908	0708	2359	10	06	05	5			1			
865	2908	T	1	P	2906	0708	2215	30	31	27	1 45 7				7	0	9
865	2910	T	1	W	2909	0709	0310	30	32	32	1 5 9		6	7	7	06	9
865	2911	T	1	F	2910	0709	0451	30	32	31	1 5 9		68			0	9
865	2913	T	1	P	2911	0709	0630	30	32	32	1 5		0		0167	0	9
865	2920	D	1	W	2920	0709	1952	30	03	00	4			1			
865	292[illegible]	T	1	W	2918	0709	1804	30	32	30	1 4 8		8		4	0	248
865	2923	T	1	P	2920	0709	2123	30	31	31	1 45 7				7		9
865	2924	T	1	W	2923	0710	0221	30	32	32	1 5				7	0	9
865	2925	T	1	W	2924	0710	0400	30	32	32	1 5 9		6	0	7	0	8
865	2927	T	1	F	2925	0710	0540	30	32	32	1 5 9			1	7	0	9
865	2937	T	1	P	2934	0710	2033	30	27	27	45 78				7		9
865	2939	T	1	W	2938	0711	0312	30	25	25	1 5		68		367	0	
865	2940	T	1	W	2939	0711	0451	30	30	30	1 5 9		68	7	7	0	8
865	2942	T	1	P	2940	0711	0632	30	31	31	1 3 5		14		7	0	9
865	2949	D	1	W	2949	0711	1952	30	07	07	4 7			0	06	0	
865	2951	D	1	P	2951	0711	2314	30	05	05	5 7				4		9
865	2951	T	1	P	2949	0711	2125	30	27	27	1 45 7				7		9
865	2953	T	1	W	2952	0712	0223	30	26	26	1 5		6		7	0	
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866	2955	T	1	F	2954	0712	0542	30	31	31	1 5 9	1	16	7	0		9
866	2963	D	1	W	2963	0712	1904	30	06	06	4			1	7		
866	2963	T	1	W	2961	0712	1716	30	26	26	4 8	1	8		067	0	9
866	2966	T	1	P	2963	0712	2036	30	30	30	1 45 7		6		7	019	9
866	2967	T	1	W	2966	0713	0135	30	30	30	1 5		8		237	0	
866	2968	T	1	W	2967	0713	0314	30	30	30	1 5 9		8		7	0	8
866	2969	T	1	W	2968	0713	0454	30	30	30	1 5		16		37	0	9
866	298[illegible]	T	1	P	2977	0713	1932	30	20	20	1	2		1			
866	2982	T	1	W	2981	0714	0225	30	28	28	1 5 9	4	8		067	0	9
866	2983	T	1	W	2982	0714	0410	30	18	18	5	4	5	0	067	0	
866	2984	T	1	F	2983	0714	0545	30	30	30	1 5		08	1		0	9
866	2996	T	1	F	2995	0715	0137	30	30	30	1 5		8	1		0	
866	2997	T	1	W	2997	0715	0323	30	26	14	5	4		0	06	0	
866	2999	T	1	P	2998	0715	0500	30	30	30	1 3 5	14	16	146	6	0	9
866	3006	D	1	W	3006	0715	1816	30	08	08	4		5			0	
866	3006	T	1	W	3005	0715	1804	30	29	29	1 5 78		8		127	0	9
866	3008	D	1	P	3008	0715	2134	30	08	08	5 7		0		0146		9
866	3008	T	1	P	3006	0715	1952	30	30	30	45 7		5	0	67	01	9
866	301[illegible]	T	1	F	3009	0716	0050	30	29	29	1 5		67	1		0	
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867	3025	T	1	F	3025	0717	0141	30	28	28	5			1	6	0	
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867	3035	T	1	W	3034	0717	1635	30	30	30	4 8		6	0	7	0	9

REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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867	3051	T	1	P	3050	0718	1906	30	26	26	45 7		48		67	01	9
867	3053	T	1	W	3052	0718		30	27	27	5						
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870	3163	D	1	W	3163	0726	1411	V	05	05	4		6		0	0	
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870	3168	D	1	F	3168	0726	2239	30	10	10	5 7	1		1		2	8
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870	3178	T	1	W	3177	0727	1320	30	29	29	4 8		8	1	6	0	9
870	3180	D	1	P	3180	0727	1821	30	10	10	5 7				450		9
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870	3183	T	1	F	3183	0727	2320	30	24	24	5 7	1	1	01	67	5	92
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871	3196	0	1	F	3196	0728	2059	30	04	04	5 7	2			6	0126	
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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871	3208	D	1	P	3208	0729	1641	30	10	10	5 7	4	6				9
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871	3223	D	1	P	3223	0730	1732	30	08	08	5			3	01		9
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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874	3354	0	1	W	3354	0808	1850	30	10	10	4 7		4	0	7		
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874	3357	T	1	P	3355	0808	2025	30	31	31	4 7	0	5	01	067	01	9
874	3365	T	1	W	3362	0809	0801	30	26	26	3 5	1			06	0	
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875	3383	0	1	W	3383	0810	1853	V	12	12	4 7	4	1	1	067	0	
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875	3393	T	1	W	3390	0811	0628	30	32	32	3 5		68	7	67	0	
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875	3398	0	1	W	3398	0811	1942	30	08	08	4 7			07	1	12	
875	3398	T	1	W	3396	0811	1624	30	32	32	4 67		8	1	0567	0	89
875	3400	0	1	P	3400	0811	2302	30	03	03	5 7				4		9
875	3400	T	1	P	3399	0811	2123	30	32	32	45 7		4	01	467	01	29
875	3407	T	1	W	3402	0812	0221	30	32	32	3 5		68	7	03		
875	3409	T	1	P	3407	0812	1040	30	32	32	1 3				7		9
875	3412	D	1	W	3412	0812	1850	30	04	04	7			1			
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875	3414	0	1	P	3414	0812	2211	30	03	03	5 7				4	0	9
875	3414	T	1	P	3413	0812	2036	30	32	32	45 7	0	8	0	67	01	8
875	3414	0	1	P	3414	0812	2216	30	07	07	5 7		8	1	47	0	9
875	3421	T	1	W	3416	0813	0134	30	32	32	1 5		8	0	06	0	
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875	3426	D	1	W	3426	0813	1759	30	03	03	7						
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876	3441	T	1	W	3440	0814	1725	30	32	32	2 4		6	0		0	
876	3441	0	1	W	3441	0814	1856	30	11	11	4 7		4	0	07	0	9
876	345	T	1	W	3445	0815	0131	30	31	31	5		8		40	09	
876	3452	T	1	P	3450	0815	0950	30	32	32	1 3				7		8
876	3454	T	1	W	3453	0815	1448	30	32	32	4 6		58	03		03	58
876	3455	T	1	W	3454	0815	1629	30	31	31	2 4		8	0	1	0	9
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876	3471	0	1	P	3471	0816	2040	30	08	08	5			5	1	0	8
876	3478	T	1	W	3473	0816	2356	30	23	23	1 5		87	6	7	0	
876	3481	T	1	P	3478	0817	0816	30	22	22	1 3		4		7	0	9
876	3482	T	1	F	3478	0817	0807	30	06	06	3						
876	3483	T	1	W	3482	0817	1450	30	32	32	4 67		8	01	05	0	589
876	3484	T	1	W	3483	0817	1631	30	32	32	2 4		8		0		9
876	3484	D	1	W	3484	0817	1807	30	09	09	4 7		6	1	1	012	9
876	3486	T	1	P	3485	0817	1945	30	32	32	5 7	4	8	65	4	142	9
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877	3497	T	1	W	3496	0818	1400	30	26	26	4 6		8	1	04		8
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877	3498	T	1	W	3497	0818	1542	30	32	32	2 4		5		7	0	
877	3498	0	1	W	3498	0818	1718	30	08	08	4 7			0	67	015	
877	3500	0	1	P	3500	0818	2039	30	06	06	5 7		68				85
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877	3512	T	1	W	3511	0819	1449	30	21	21	4		8		067	0	5
877	3513	T	1	F	3512	0819	1635	30	31	31	2 4 8		8	1	04	0	9
877	3514	D	1	F	3514	0819	1939	V	07	07	5			1			
877	3523	T	1	W	3522	0820	0907	30	23	23	1 3		4	7	07	0	8
877	3524	T	1	P	3523	0820	1049	30	32	30	1 6				67		8
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877	3527	T	1	W	3526	0820	1544	30	32	32	2 4 8		2	06		0	9
877	3528	T	1	P	3527	0820	1726	30	30	29	4 78			7		01	95

REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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877	3540	T	1	W	3539	0821	1310	30	28	28	4 6	4	8	3	0256	06	58
877	3541	T	1	F	3540	0821	1455	30	32	32	2 4		8	09	0	0	5
877	3542	T	1	F	3541	0821	1629	30	32	32	4 78	02		04	067	0	58
878	3551	T	1	W	3550	0822	0727	30	32	32	1 3			6	8	0	8
878	3554	T	1	W	3553	0822	1224	30	25	25	4 6		8		046	03	8
878	3555	T	1	W	3554	0822	1404	30	32	32	2 4		8	0	346	0	
878	3555	D	1	W	3555	0822	1539	30	01	01	4 7			0	04	0	
878	3556	T	1	F	3555	0822	1545	30	30	30	4 8		0		16		9
878	3556	D	1	F	3556	0822	1708	V	07	07	5 7			1	4		29
878	3557	T	1	F	3556	0822	1720	30	31	31	1 4 78		8	1	065	10	28
878	3557	D	1	F	3557	0822	1849	V	07	07	5	2		02	4		
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878	3580	T	1	W	3579	0824	0731	30	31	31	1 3		5	7	70	0	9
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878	3584	T	1	W	3583	0824	1404	30	31	31	2 4 78		8	1	7	0	
878	3585	T	1	F	3584	0824	1546	30	32	32	4 78		0	1	067	012	59
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879	3593	T	1	W	3586	0824	1912	30	31	25	1 5		8		02	0	
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879	3597	T	1	W	3596	0825	1133	30	24	24	2 4 6			0	0146	0	8
879	3598	T	1	W	3597	0825	1314	30	32	32	2 4 7		48	111	1	0	
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879	3600	T	1	F	3599	0825	1632	30	32	32	78		6	7	0456	0125	9
879	3600	D	1	F	3600	0825	1800	30	07	07	5 7				16		
879	3607	T	1	W	3600	0825	1812	30	31	31	1 5 7		28	1	124	0	8
879	3608	T	1	W	3607	0826	0554	30	26	26	1 3			7	7	0	9
879	3611	T	1	F	3609	0826	0917	30	26	22	1 6				17	0	8
879	3612	T	1	W	3611	0826	1226	30	31	31	2 4		86	0	13	0	
879	3613	T	1	F	3612	0826	1408	30	32	32	2 4 78		568	1	67	0	9
879	3614	T	1	F	3613	0826	1541	30	32	32	45 78		80	12	7	01	9
879	3622	T	1	W	3615	0826	1859	30	32	32	5	4	8	1	02	04	5
879	3623	T	1	W	3622	0827	0641	30	27	27	1 3	0	5		7	0	8
879	3627	T	1	W	3623	0827	0829	30	30	28	1 6		8	7	0	07	9
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880	3636	T	1	W	3629	0827	1810	30	30	30	5		8	06	012	04	
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880	3641	O	1	W	3641	0828	1402	30	12	12	4 7		0	1	07	0	
880	3654	T	1	W	3652	0829	0827	30	18	18	2 6			0		0	9
880	3655	T	1	W	3654	0829	1137	30	32	32	2 4			0		0	
880	3656	T	1	W	3655	0829	1317	30	32	32	2 4 8			1		0	9
880	3656	D	1	W	3656	0829	1454	V	07	07	4 7				0	0	9
880	3665	T	1	W	3664	0830		30	15	15							
880	3666	T	1	W	3665	0830	0548	30	25	25	1 3				047	0	9
880	3669	O	1	W	3669	0830	1221	30	07	07	4 7					0	
880	3669	T	1	W	3668	0830	1048	30	23	23	4 6		8	1	07	0	
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880	3683	T	1	W	3682	0831	1000	30	24	24	4 6		8	0	1	0	8
880	3684	T	1	W	3683	0831	1138	30	30	30	1 8		63	1	07	0	9
880	3684	D	1	W	3684	0831	1313	30	09	09	4 7		1	01	0	0	
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881	3695	T	1	P	3694	0901	0556	30	31	31	1 3			6	067	0	8
881	3696	T	1	P	3695	0901	0738	30	31	31	1 6		8		016	0	9
881	3697	T	1	W	3696	0901	0908	30	27	27	4 6		8		4	0	9
881	3698	T	1	W	3697	0901	1049	30	32	32	2 4	4				0	
881	3699	T	1	F	3698	0901	1229	30	32	32	4 78		46	0	01	01	
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881	3709	T	1	W	3699	0901	1401	30	02	02	7						
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881	3713	T	1	W	3712	0902	1143	30	32	32	2 4 8		06	7	67	02	9
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881	3726	T	1	W	3725	0903	0914	30	28	28	2 4 6				034	0	

REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	01 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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882	3736	T	1	W	3734	0904	0008	30	32	32	1 3 5 9		0		7	0	9
882	3737	T	1	W	3736	0904	0328	30	32	32	1 3			67	017	0	9
882	3740	T	1	W	3737	0904	0507	30	32	32	1 3		6		0	0	9
882	3741	T	1	W	3740	0904	1005	30	32	32	2 4		5		02	0	
882	3742	T	1	W	3741	0904	1146	30	32	32	2 4 8		08	07	0	0	
882	3743	T	1	P	3742	0904	1325	30	32	32	4 8		8		047	0	92
882	3751	T	1	W	3743	0904	1503	30	32	32	1 5		246		37	0	9
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882	3755	T	1	W	3754	0905	0918	30	32	32	2 4		5	7	01	0	
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882	3757	T	1	P	3756	0905	1236	30	32	32	4 8		8		07	0	9
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882	3765	T	1	W	3759	0905	1733	30	32	32	1 5		47		671	0	
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882	3769	T	1	W	3768	0906	0829	30	32	32	2 4 6			7	045	0	
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884	3823	T	1	W	3822	0910	0204	30	32	32	1	4		0	012	04	
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884	3838	T	1	P	3836	0911	0117	30	32	32	1			016	26		0
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884	3841	T	1	F	3840	0911	0754	30	32	32	0 2			01	37		3
884	3844	T	1	P	3841	0911	0935	30	32	32	0 2			6	2		90
884	3852	T	1	W	3844	0911	1432	30	32	32	12 8			17	01		
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884	3855	T	1	W	0854	0912	0708	30	32	32	012						
884	3856	T	1	W	3855	0912	0847	30	32	32	012						
885	3858	T	1	P	3856	0912	1027	30	32	32	0 2 8	2		24	12		0
885	3865	T	1	W	3858	0912	1346	30	32	32	12 8	12		14			2
885	3867	T	1	P	3865	0913	0123	30	31	31	01	14		0	02		0300
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885	3871	T	1	P	3869	0913	0801	30	32	32	012			7	0		0
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885	3882	T	1	P	3880	0914	0223	30	32	32	01	04		0	026	3	03
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
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894	4273	T	1	F	4273	1011	0352	30	32	32	1 3		8	16		0	
894	4280	0	1	W	4280	1011	1526	30	06	06	4 7			0			9
894	4280	T	1	W	4279	1011	1347	30	32	32	4 8		6	1	03	0	9
894	4281	D	1	W	4281	1011	1712	30	04	04	7			1			
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895	4284	T	1	F	4281	1011	1841	30	32	32	1 5 7		8		1234	0	8
895	4284	D	1	F	4284	1011	2215	30	04	04	5 7					5	9
895	4285	D	1	F	4285	1011	2355	30	04	04	5 7	0			4		9
895	4285	T	1	F	4285	1011	2344	30	32	32	1 5 7	02	8	06	67	02	5
895	4286	T	1	F	4286	1012	0123	30	32	32	1 3 5		8	7	367	0	9
895	4294	T	1	W	4293	1012	1258	30	19	00							
895	4295	0	1	W	4295	1012	1622	30	02	02							
895	4295	T	1	W	4295	1012	1621	30	01	01							
895	4296	T	1	P	4295	1012	1750	30	32	32	1 5		378	59	0146	349	9
895	4296	D	1	P	4296	1012	1758	30	02	02	7				4		9
895	4297	T	1	P	4296	1012	1930	30	32	32	1 5		38	035	7		
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895	4299	0	1	F	4299	1012	2305	30	04	04	5 7	0			4		2
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895	4300	T	1	F	4300	1013	0034	30	32	32	1 3 5		5	06	67	26	
895	4301	T	1	F	4301	1013	0214	30	32	32	1 3 5		08	0	4	02	59
895	4309	0	1	W	4309	1013	1529	V	06	06	4 7						
895	4310	T	1	W	4309	1013	1705	30	31	31	1 5 7		68		057	0	9
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895	4313	0	1	F	4313	1013	2216	30	07	07	5 7	1		1			
895	4313	T	1	F	4313	1013	2204	30	32	32	5		6	067	0267	02	
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895	4316	T	1	P	4316	1014	0300	30	32	32	1 3		8	1	7	0	9
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896	4323	T	1	W	4322	1014	1257	30	32	32	4 8	4	8	1	06	0	
896	4324	T	1	W	4323	1014	1615	30	32	32	1 5 7		8			01	9
896	4325	T	1	P	4324	1014	1752	30	32	32	1 5 7	4	58	15	1467	24	9
896	4327	D	1	F	4327	1014	2126	30	05	05	7				5	3	
896	4327	T	1	F	4327	1014	2115	30	32	32	5		4	0	07	0	
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896	4343	T	1	F	4343	1015	2344	30	31	31	5	2	58	076	136	0	
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896	4345	T	1	P	4345	1016	0303	30	32	32	1 3		5		7	0	29
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897	4353	T	1	W	4353	1016	1618	30	32	32	1 5 7		8	1	0	0	9
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897	4357	T	1	F	4357	1016	2256	30	32	32	5	02	68	02	0136	0	
897	4358	T	1	F	4358	1017	0036	30	32	32	1 3 5	1	48	06	7	6	9
897	4359	T	1	F	4359	1017	0216	30	32	32	1 3	1	38	601	67		2
897	4366	D	1	W	4366	1017	1349	30	08	08	4 7	4			6	0	9

PICTURE SEQUENCE DATA

REEL	FILM LEGEND				PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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897	4368	T	1	P	4368	1017	1706	30	27	27	5 7		8		014	0	9
897	4370	D	1	F	4370	1017	2038	30	03	03	5 7				45		12
897	4370	T	1	F	4370	1017	2027	30	32	32	5		5		0136	0	29
897	4371	D	1	F	4371	1017	2219	30	07	07	5 7	4			6	5	129
897	4371	T	1	F	4371	1017	2207	30	31	31	5	0	6	04	06	0	
897	4372	T	1	F	4372	1017	2346	30	32	32	3 5		48	06	06	025	
897	4372	D	1	F	4372	1018	0000	30	04	04	5 7				6		12
897	4373	T	1	F	4373	1018	0126	30	32	32	3		5	1	067	0	29
897	4380	T	1	W	4379	1018	1121	30	32	32	4 8	4	78	03	167	029	9
897	4381	D	1	W	4381	1018	1440	30	02	02							
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897	4381	D	1	W	4381	1018	1446	V	32	32	7			06		1	9
898	4383	T	1	P	4382	1018	1627	30	31	31	45 7			1			09
898	4383	D	1	P	4383	1018	1805	30	09	09	5 7			1			9
898	4385	D	1	F	4385	1018	2130	30	10	10	5 7				45	5	29
898	4386	D	1	F	4386	1018	2310	30	03	03	7				45		29
898	4386	T	1	F	4386	1018	2256	30	32	32	5		8	0	07	0	
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898	4400	T	1	F	4400	1019	2211	30	32	32	3 5 7	1	84	126	37	053	19
898	4401	T	1	F	4401	1019	2351	30	32	32	1 3 5	12		4	46	5	19
898	4401	D	1	F	4401	1020	0002	30	04	04	5 7	1		16			
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898	4409	D	1	W	4409	1020	1301	30	08	08	4 7				6	0	
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898	4411	T	1	P	4410	1020	1447	30	25	25	4 7			0			9
898	4411	D	1	P	4411	1020	1626	V	06	06	7						
898	4413	D	1	W	4413	1020	2001	30	04	04							
898	4413	T	1	W	4412	1020	1805	30	31	31	5 7	2		0	6	0	2
899	4414	T	1	W	4414	1020	2125	30	32	32	5 7			0	13	4	2
899	4415	D	1	F	4415	1020	2315	30	03	03	5 7			1			29
899	4415	T	1	F	4415	1020	2306	30	32	32	1 3 5 7	2		04	34	5	19
899	4416	T	1	F	4416	1021	0044	30	31	31	3 5 7	4	8		6	05	18
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899	4423	D	1	W	4423	1021	1215	30	09	09	4 7				6		
899	4425	D	1	P	4425	1021	1534	V	13	13	5 7				4		9
899	4428	T	1	W	4428	1021	2037	30	32	32	4 7	1		1	7		9
899	4429	T	1	F	4429	1021	2216	30	31	31		1		046	126		069
899	4430	T	1	F	4430	1021	2357	30	32	32		1		1467	1246		129
899	4431	T	1	F	4431	1022	0137	30	32	32					46		129
899	4438	T	1	W	4436	1022	0953	30	28	28	34			0	1		
899	4438	D	1	W	4438	1022	1307	V	12	10	4 7						
899	4440	T	1	P	4436	1022	0948	30	03	03	4						
899	4442	T	1	W	4441	1022	1813	30	31	31	5 7			1		6	9
899	4444	D	1	F	4444	1022	2313	30	06	06	5 7	1		4	26		129
899	4444	T	1	F	4443	1022	2131	30	30	30	5 7	1		04	26		129
899	4445	T	1	F	4445	1023	0048	30	32	32	3 5	1		24	264		129
899	4452	T	1	W	4451	1023	1044	30	28	28	34	4			1	4	
899	4454	T	1	P	4453	1023	1417	30	16	16	3						9
899	4456	T	1	W	4455	1023	1726	30	31	31	5 7	0		01	2		9
801A	4458	D	1	F	4458	1023	2224	30	08	08	3 5 7			1	6		128
801A	4458	T	1	F	4457	1023	2045	30	32	32	345 7	221		446			128
801A	4466	T	1	W	4464	1024	0822	30	30	30	3						
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801A	4472	D	1	F	4472	1024	2135	30	08	08	3 5 7	4					28
801A	4474	T	1	F	4473	1024	2319	30	32	32	3 5 7	01		126	34	1	129
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801A	4480	T	1	W	4478	1025	0735	30	32	32	3						
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801A	4483	T	1	P	4482	1025	1415	30	32	32	34	14		146	6		09
801A	4486	T	1	F	4485	1025	1913	30	32	32	45 7	24		04	7	5	129
801A	4488	T	1	F	4487	1025	2232	30	32	32	345 7	12		0467		12	128
801A	4488	D	1	F	4488	1026	0008	30	04	04	3 5 7	4		6			29
801A	4495	T	1	W	4494	1026	1016	30	16	16	1 3					0	09
801A	4496	T	1	W	4495	1026	1147	30	32	32	34			01		4	8
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801A	4500	D	1	W	4500	1026	2007	30	08	08	4 7			7			9
801A	4500	T	1	W	4499	1026	1825	30	32	32	4 7	4		0	57	6	9
801A	4502	D	1	F	4502	1026	2318	30	04	04	5 7	1		02	3	5	1
801A	4502	T	1	F	4501	1026	2145	30	31	31	45 78			1	46	15	2
802A	4509	T	1	W	4508	1027	0920	30	32	32	1 3			1	6	0	29
802A	4510	T	1	W	4509	1027	1101	30	32	32	1 3			0		0	9
802A	4511	T	1	P	4510	1027	1240	30	32	32	34			76		9	28
802A	4512	T	1	P	4511	1027	1420	30	32	32	34 6	41	6	17		0	28
802A	4514	T	1	W	4513	1027	1739	30	32	32	4 7			13	0		9

REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
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802A	4516	0	1	F	4516	1027	2230	30	07	07	5 7	1		06	36	5	2
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802A	4530	T	1	F	4529	1028	2013	30	32	32	4 78	1	58	16	57	12	
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802A	4538	T	1	W	4536	1029	0746	30	32	32	3 5		8		067	0	9
802A	4539	T	1	W	4538	1029	1105	30	32	32	1 3			1		1	18
802A	4540	T	1	P	4539	1029	1245	30	32	32	1 3 6	14	7	1	7	2	28
802A	4542	0	1	W	4542	1029	1734	28	02	02	7			6			
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803A	4543	T	1	F	4542	1029	1746	30	31	31	2 4		8	013	7		
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803A	4545	0	1	F	4545	1029	2229	30	03	03	5 7			2	456		129
803A	4545	T	1	F	4544	1029	2101	30	32	32	45 78			0	56	01	9
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803A	4554	T	1	P	4553	1030	1156	30	32	32	1 3				57		8
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803A	4569	T	1	P	4568	1031	1245	30	32	32	3 6				57	0	28
803A	4570	T	1	F	4569	1031	1425	30	32	32	4 6	2	8	0	356	3	9
803A	4571	T	1	W	4570	1031	1604	30	32	32	4 6			016		06	9
803A	4573	T	1	F	4571	1031	1748	30	32	32	2 4		8	1	06	0	9
804A	4574	T	1	F	4573	1031	2103	30	32	32	45 78	1	8	16	5673	1	9
804A	4582	T	1	W	4575	1101	0015	30	32	32	3 5 7			07	0	0	1239
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804A	4602	T	1	F	4601	1102	1925	30	32	32	4 78	1	6	7	01	0	9
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804A	4611	T	1	W	4610	1103	1018	30	32	32	3		78		07	0	8
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805A	4614	0	1	W	4614	1103	1649	30	03	03	7						
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805A	4625	T	1	W	4621	1104		30	32	32							
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805A	4628	T	1	W	4627	1104	1428	30	32	32	2 4 6	0		01	0167	0	9
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
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807A	4716	T	1	F	4715	1110	1610	30	32	32	4 78	14	58	1	567	23	9
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REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
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812A	5083	T	1	W	5082	1206	0033	30	32	32	1	2		02	026	0	
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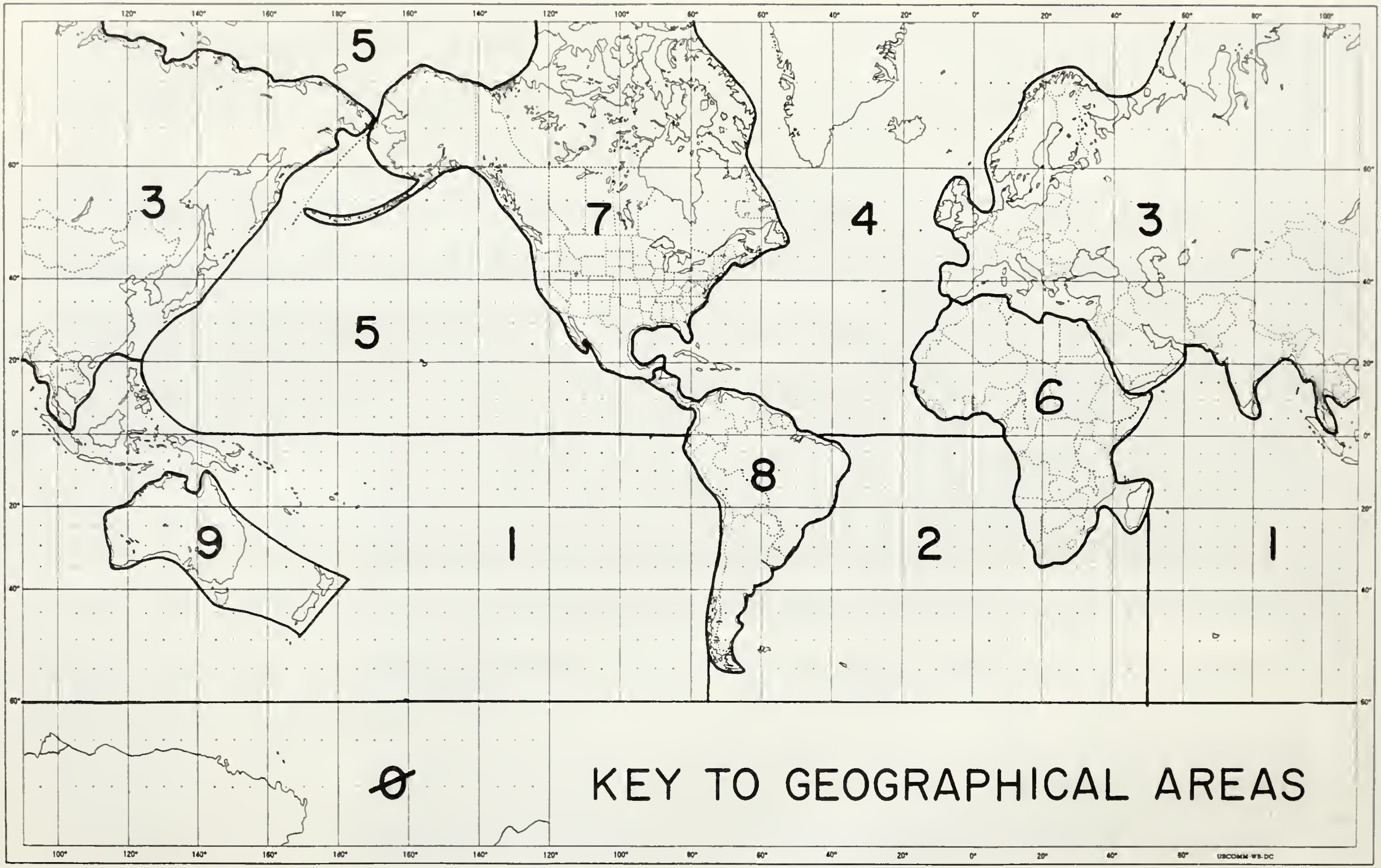
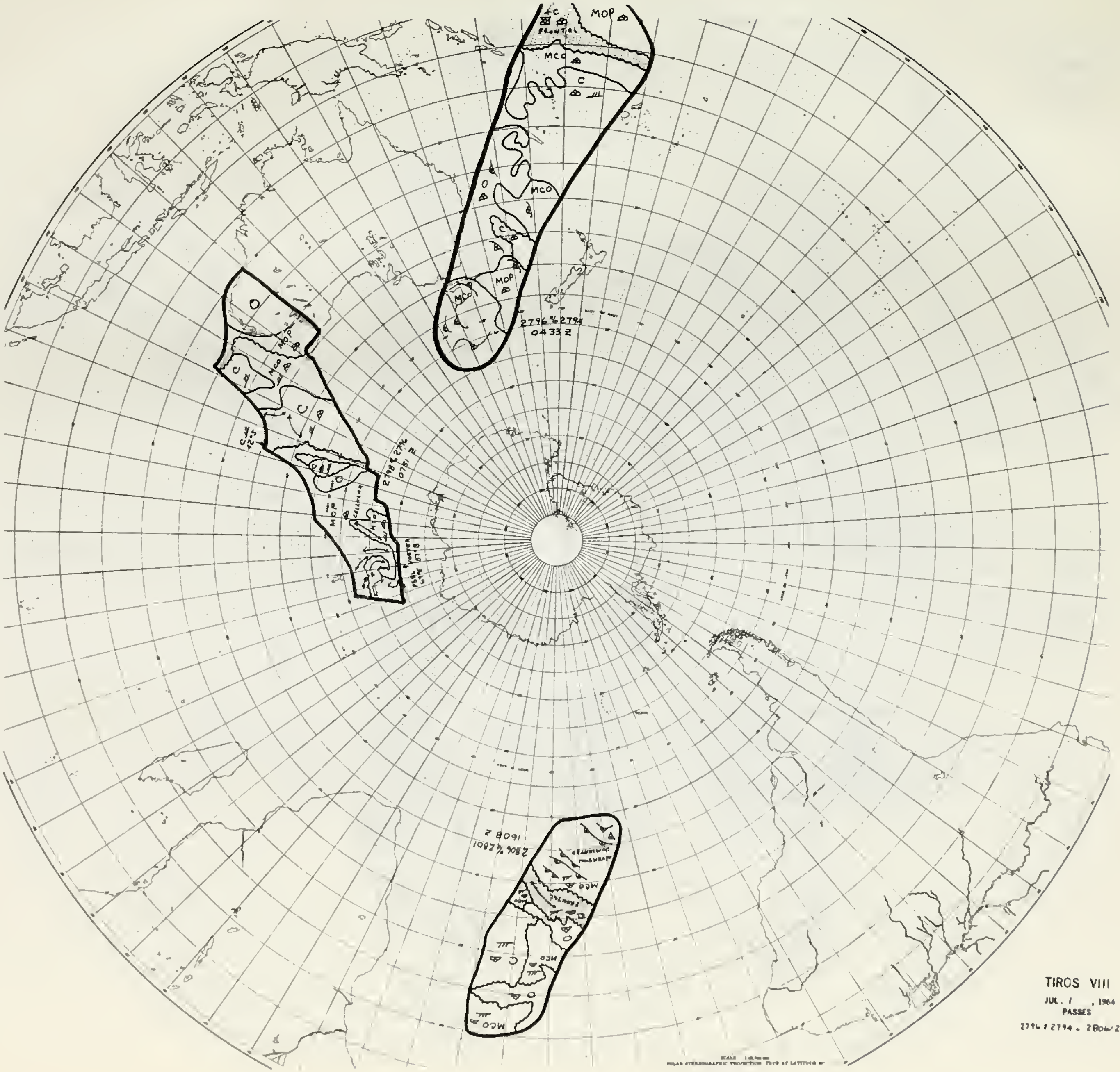
REEL	FILM LEGEND				PICTURE SEQUENCE DATA												
					PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES					
						MIDPOINT						EXTROP CIRC	TROP DISTURB	BANDS	CLOUD FEATURES		MISCELLANEOUS
	PASS	M	C	S	PASS	DATE	TIME	TI	US	+	0 1 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
816A	5302	T	1	F	5301	1221	0323	30	32	32	1 5		578	01	236	0	9
816A	5304	T	1	F	5303	1221	0642	30	32	32	1 3		6	1	576	05	59
816A	5311	0	1	W	5311	1221	1820	30	08	08	4 7			0	7	0	9
816A	5311	T	1	W	5304	1221	0819	30	32	32	1 3 6		8		7	0	59
816A	5312	T	1	W	5311	1221	1956	30	32	32	1 5 7				457	0	9
816A	5313	T	1	P	5312	1221	2133	30	32	32	1 5 7		8	0	07	0	9
816A	5315	T	1	W	5313	1221	2314	30	32	32	1 5			0	367	0	59
816A	5316	T	1	W	5315	1222	0233	30	32	32	1 5			16	0	06	58
816A	5318	T	1	P	5316	1222	0415	30	32	32	1 3 5	0	54	015	167	0	9
816A	5325	0	1	W	5325	1222	1731	30	08	08	4			0	067	0	
816A	5325	T	1	W	5318	1222	0729	30	32	32	1 3		8		07	0	924
816A	5327	0	1	P	5327	1222	2048	30	10	10	5 7		8		0247	0	8
816A	5327	T	1	P	5325	1222	1907	30	32	32	1 45 7		8	6	57	0	95
816A	5328	T	1	P	5327	1222	2225	30	32	32	1 5 7		8	07	067	0	59
816A	5330	T	1	F	5329	1223	0143	30	32	32	1 5		8	5	2357	0	59
817A	5339	0	1	W	5339	1223	1641	30	04	04	4	1		03	6	0	
817A	5340	T	1	W	5339	1223	1817	30	32	32	4 7		8	7	0	0	9
817A	5342	0	1	P	5342	1223	2141	30	06	06	5 7						
817A	5342	T	1	P	5340	1223	1957	30	32	32	1 45 7		8		4	0	85
817A	5343	T	1	F	5342	1223	2316	30	32	32	1 5		8	01	06	0	
817A	5346	T	1	F	5345	1224	0414	30	32	32	1 3 5		8	1	056	0	9
817A	5347	T	1	F	5346	1224	0551	30	32	32	1 3		68		05	05	9
817A	5382	0	1	W	5382	1226	1552	30	06	06	4				6		
817A	5383	T	1	W	5382	1226	1724	30	32	32	1 45 7		8	06		10	9
817A	5384	T	1	W	5383	1226	1909	30	32	32	1 5 7		8		1	0	1249
817A	5386	T	1	F	5384	1226	2048	30	32	32	5 7		8	0	37		2
817A	5397	0	1	W	5397	1227	1643	30	09	09	4 7			1			
817A	5397	T	1	W	5387	1227	0007	30	22	22	5		6			0	
817A	5398	T	1	W	5397	1227	1819	30	31	31	1 5 7		8		15	0	914
817A	5401	T	1	W	5399	1227	2139	30	32	32	5		65		02	0	
817A	5402	T	1	W	5402	1228	0100	30	32	32	1 5		8		07	0	
817A	5411	D	1	W	5411	1228	1553	30	08	08	4 7			0			9
817A	5411	T	1	W	5403	1228	0407	30	32	32	1 3		8		0	0	
817A	5412	T	1	W	5411	1228	1730	30	32	32	1 5 7		8	7	37		
818A	5415	T	1	F	5413	1228	2040	30	32	32	5		8		127	04	9
818A	5416	0	1	F	5416	1229	0019	30	00	00							
818A	5417	T	1	F	5417	1229	0148	30	31	31	3 5		84	1	06	0	1279
818A	5418	T	1	F	5417	1229	0319	30	32	32	1 3		6		7		
818A	5425	0	1	W	5425	1229	1504	V	08	08	4			1			
818A	5425	T	1	W	5423	1229	1322	30	32	32	4 8			7		0	9
818A	5426	T	1	W	5425	1229	1639	30	32	32	45 7		8	0	5	0	9
818A	5427	T	1	P	5426	1229	1815	30	32	32	1 5 7		78	65	67	2	9
818A	5428	T	1	P	5427	1229	2000	30	32	32	1 5		87	651	267	2	
818A	5430	T	1	F	5429	1229	2319	30	32	32	5	02		16	067	026	7
818A	5432	T	1	F	5431	1230	0058	30	32	32	1 3 5	02		1	0136	02	19
818A	5433	T	1	F	5432	1230	0410	30	32	32	1 3		8		067	0	29
818A	5440	0	1	W	5440	1230	1555	30	08	08	4 7			0	5		
818A	5440	T	1	W	5438	1230	1411	30	32	32	4 8	2	78	0	067	0	9
818A	5442	0	1	P	5442	1230	1915	30	08	08	5 7				26		
818A	5442	T	1	P	5441	1230	1732	30	32	32	5 7		3	16	7	29	1249
818A	5443	T	1	F	5443	1230	2050	30	32	32	1 5 7	1	68	012	237	0	29
818A	5444	T	1	F	5444	1230	2230	30	32	32	1 5 7	1	84	026	2367	4	
818A	5445	T	1	F	5444	1231	0009	30	32	32	1 3 5 7	1	8	01	237	0	9
819A	5446	T	1	F	5446	1231	0148	30	32	32	1 3 5		8	016	67	20	9
819A	5447	T	1	F	5446	1231	0324	30	32	32	1 3		58		6	0	92
819A	5454	D	1	W	5454	1231	1505	30	08	08	4				6	0	
819A	5454	T	1	W	5453	1231	1325	30	32	32	4 8				067	0	
819A	5456	D	1	P	5456	1231	1823	30	08	08	5 7			7	216		9
819A	5456	T	1	P	5455	1231	1645	30	32	32	5 7		6	167	16		149
819A	5457	T	1	P	5456	1231	2000	30	32	32	1 5	4	356	1579		209	

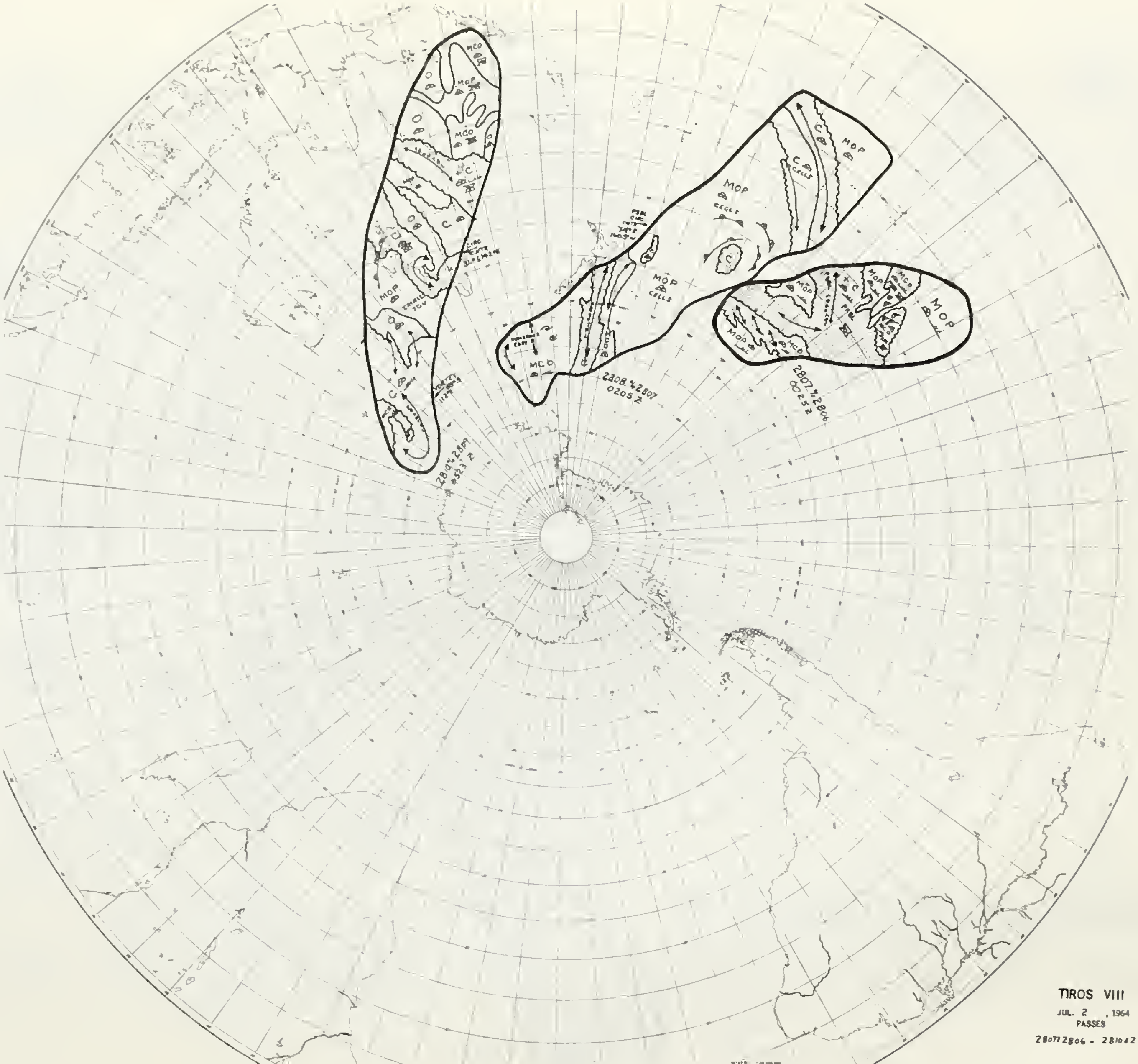

5
3
7
4
3
5
6
8
9
1
2
1
0
120°
140°
160°
180°
160°
140°
120°
100°
80°
60°
40°
20°
0°
20°
40°
60°
80°
100°
60°
40°
20°
0°
20°
40°
60°
USCOMM-WB-DC

KEY TO GEOGRAPHICAL AREAS


+C
FRONTAL
MOP
MCO
C
MCO
C
MCO
MOP
MCO
2796 & 2794
0433 Z
O
MOP
MCO
C
MCO
C
C
42°S
2798 & 2796
0751 Z
C
O
MOP
CELLULAR
MCO
VORTEX
0718
PSL
67E
2806 & 2801
1608 Z
INVERSION DOMINATED
MCO
FRONTAL
MCO
O
MCO
C
MCO

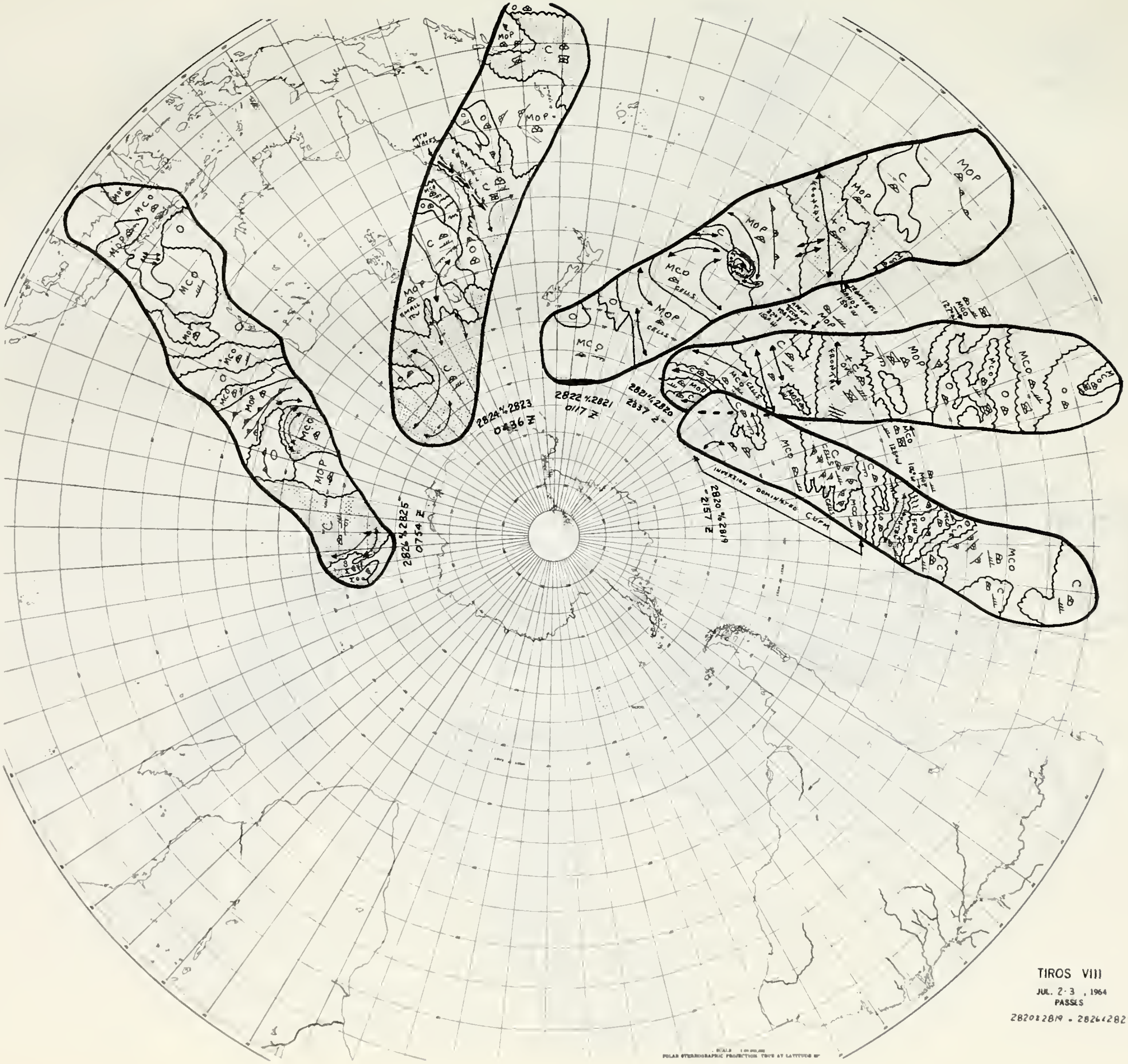
TIROS VIII
JUL. 1 , 1964
PASSES
2796 & 2794 . 2806/2801

SCALE [illegible]
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE [illegible]

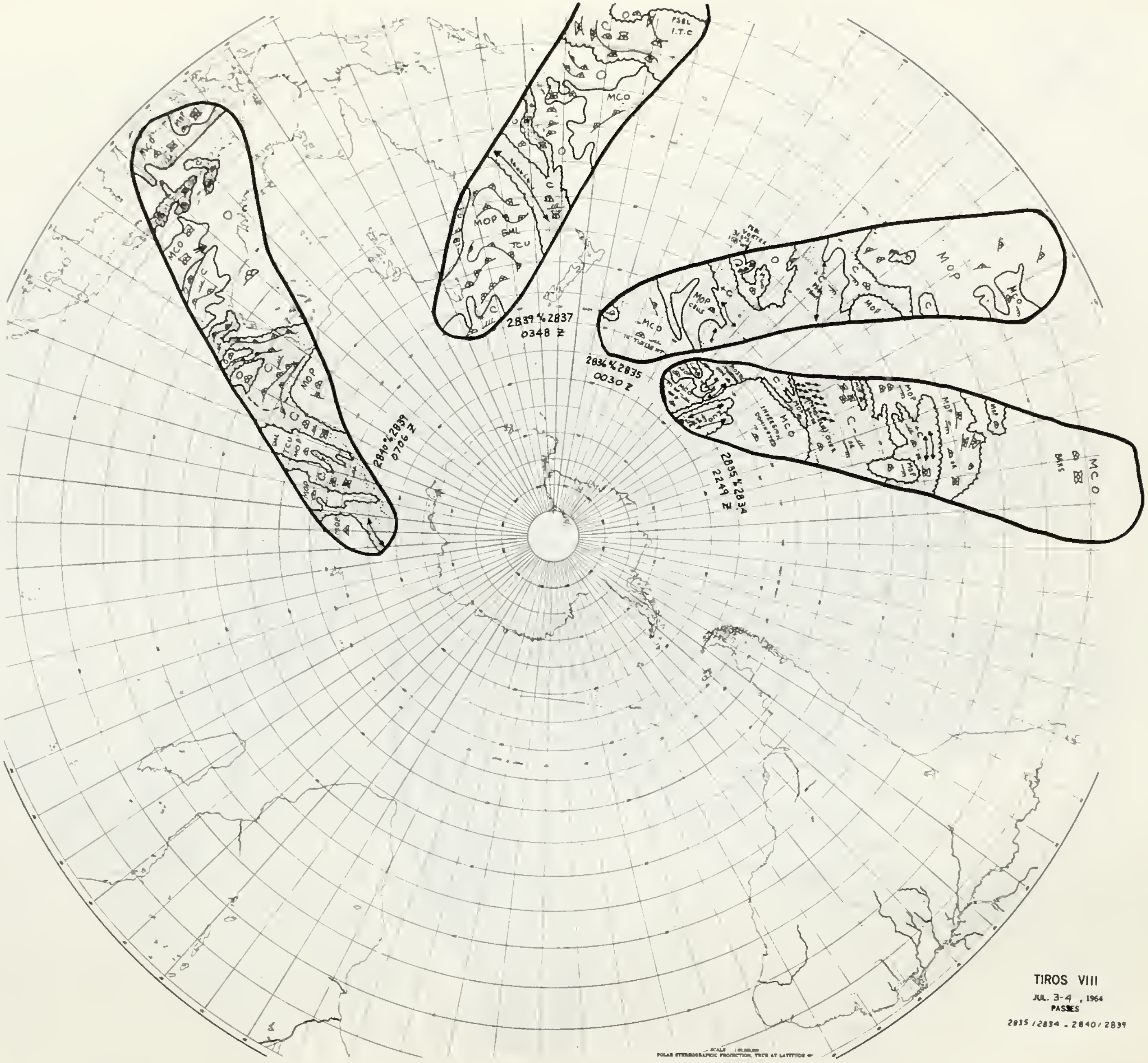

MCO
MOP
C
CELLS
CIRC CNTR
SMALL TCU
VORTEX
MORNING EDDY
MOP CELLS
2810 & 2809
0523 Z
2808 & 2807
0205 Z
2807 & 2806
0025 Z
PREL

TIROS VIII
JUL. 2, 1964
PASSES
2807 & 2806 - 2810 & 2809

SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°


2824 & 2823
0436 Z
2822 & 2821
0117 Z
2821 & 2820
2337 Z
2820 & 2819
2157 Z
2826 & 2825
0754 Z
INVERSION DOMINATED CUFM
FRONTAL
CELLS
MOP
MCO
C
O
SMALL
MTN WAVES
FEW
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII
JUL. 2-3, 1964
PASSES
2820&2819 - 2826&2825

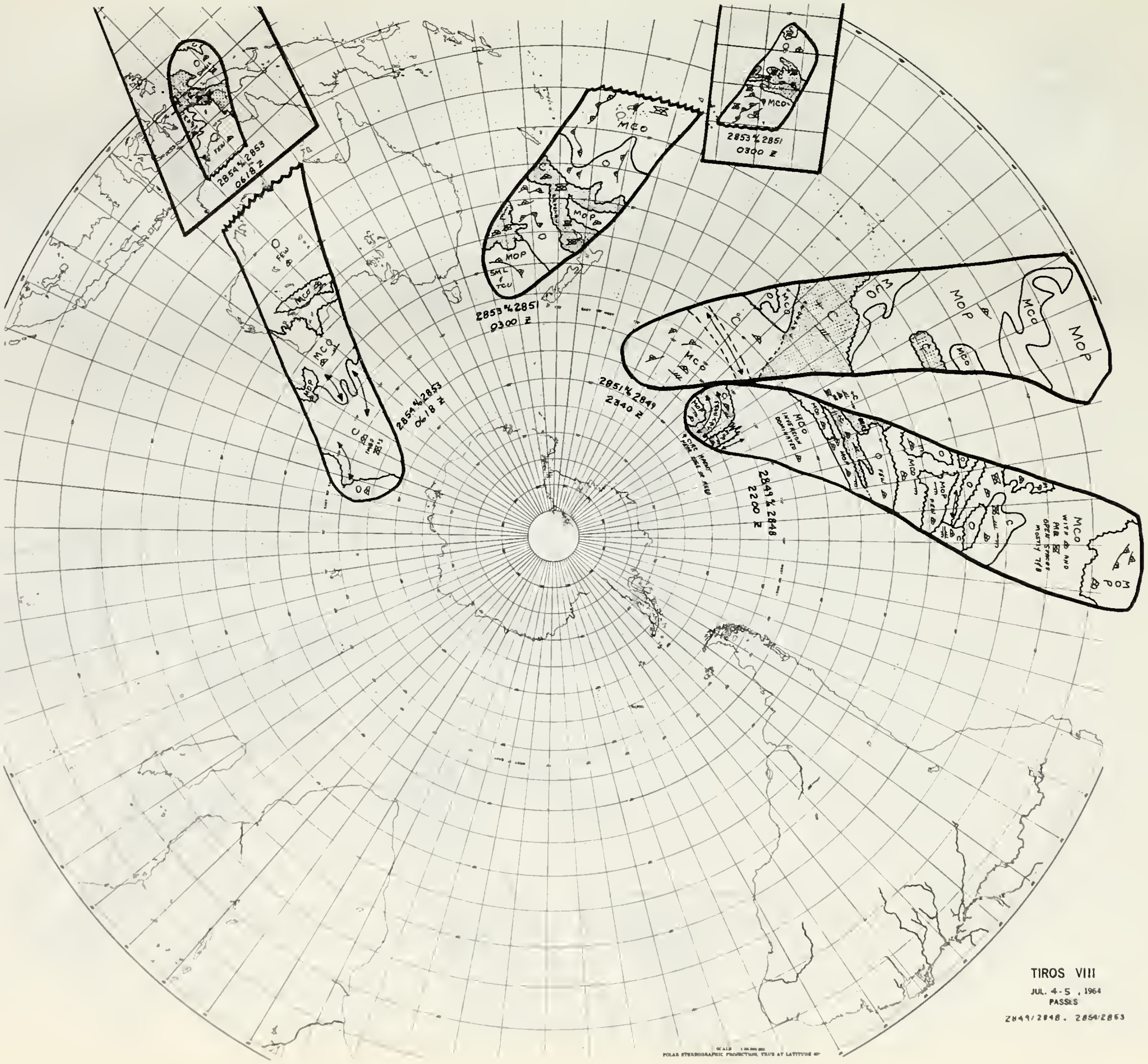

PSBL I.T.C
MCO
MOP
C
O
TCU
MOP CELLS
MCO INVERSION DOMINATED
BARS
2839 & 2837 0348 Z
2834 & 2835 0030 Z
2835 & 2834 2249 Z
2840 & 2839 0706 Z
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

JUL. 3-4 , 1964

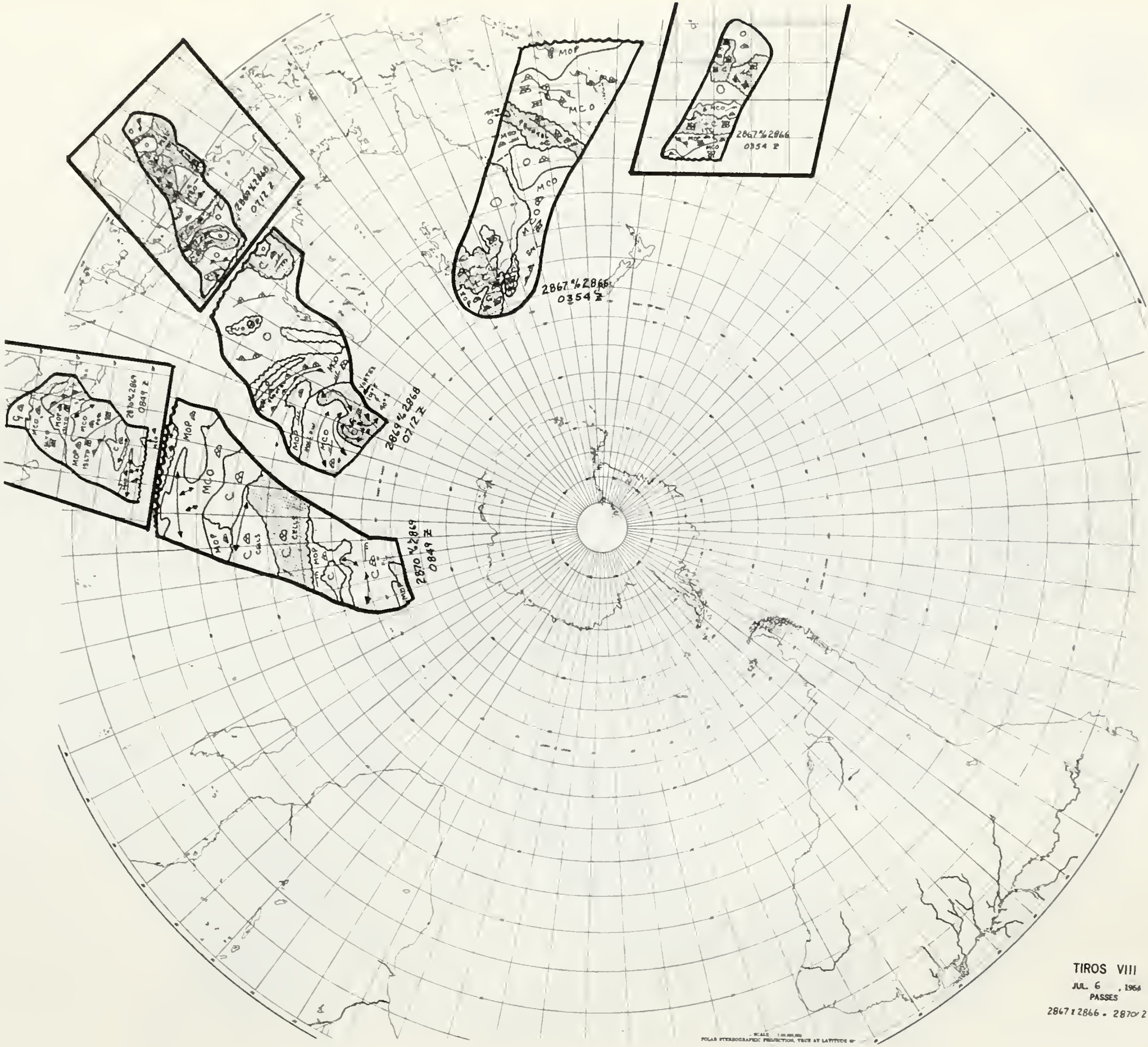
PASSES

2835 / 2834 . 2840 / 2839

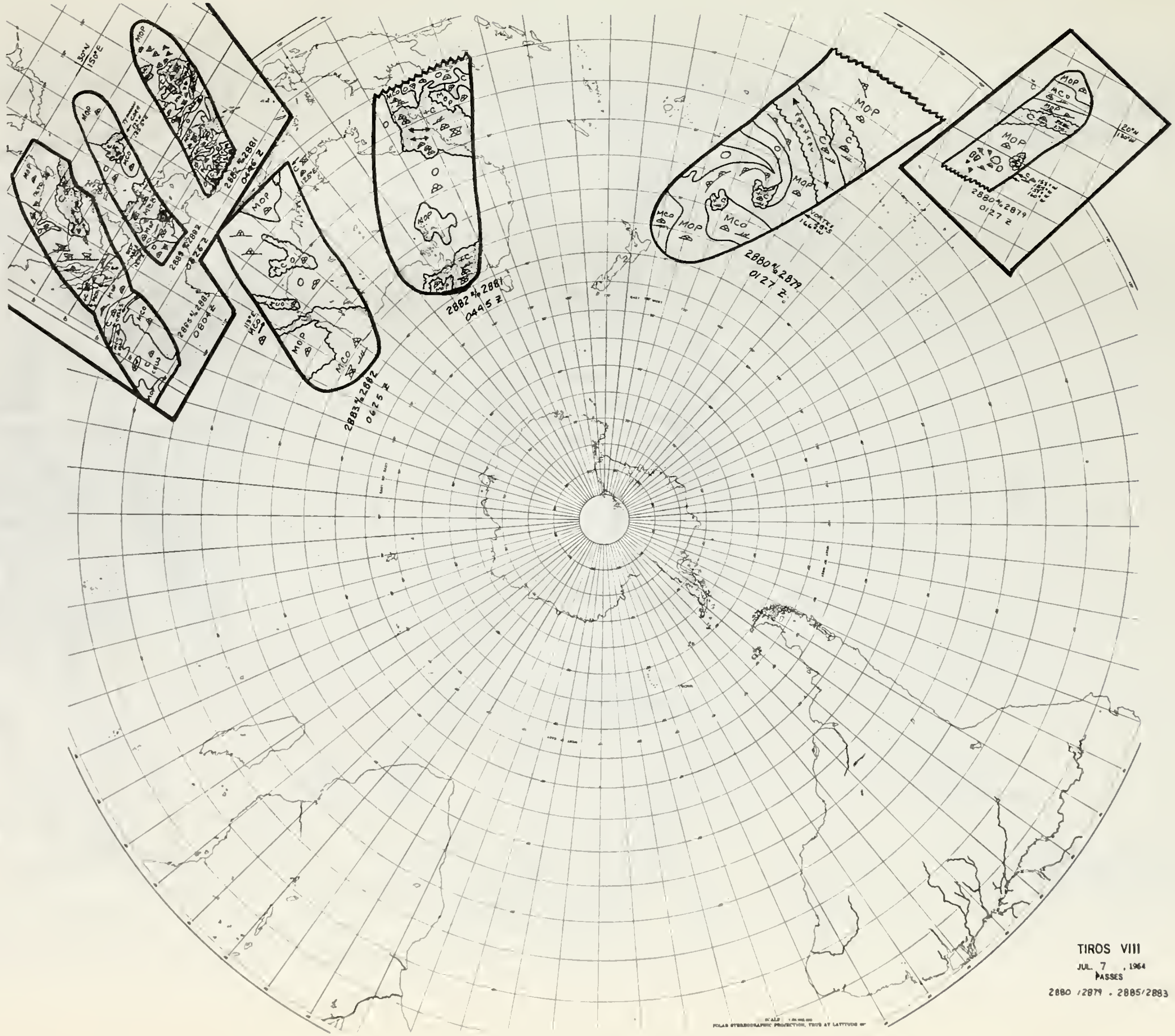

2854 & 2853
0618 Z
FEW
MCO
MOP
C
BO
2853 & 2851
0300 Z
MCO
MOP
SML TCU
O
2853 & 2851
0300 Z
MCO
2851 & 2849
2340 Z
MOP
MCO
MOP
MCO
C
2849 & 2848
2200 Z
MCO
INVERSION DOMINATED
FRONTAL
MCO
FEW
MCO
MOP
MOP
FEW
O
C
MCO
WITH AND
OPEN SPACES
MOSTLY 7/8
MOP
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

JUL. 4-5, 1964
PASSES
2849/2848. 2854/2853


2867 & 2866
0354 Z
2869 & 2868
0712 Z
2870 & 2869
0849 Z
MOP
MCO
C
CELLS
VORTEX
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
JUL. 6 , 1964
PASSES
2867 & 2866 . 2870 & 2869

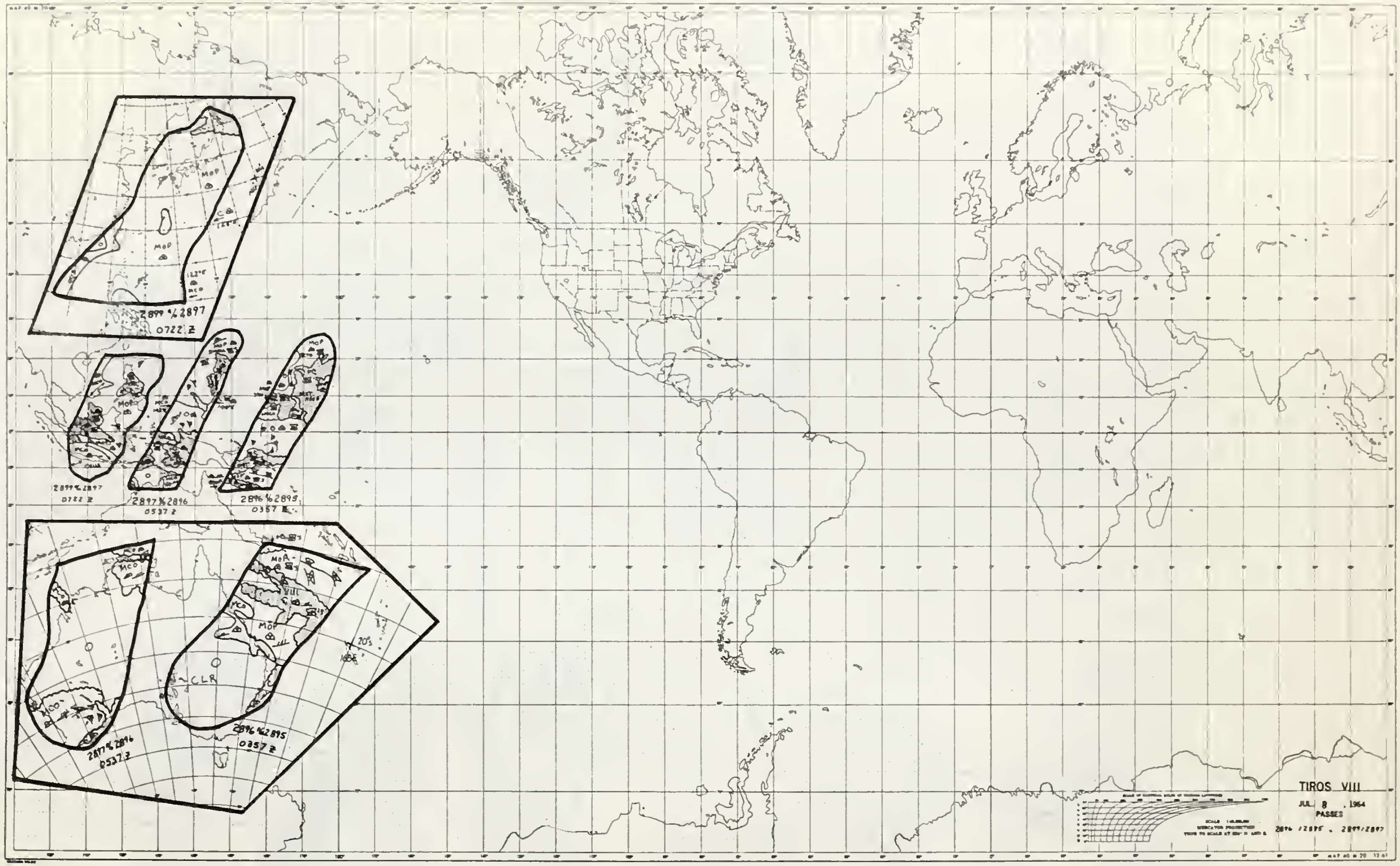

30°N
150°E
MOP
MCO
C
2882 & 2881
0426 Z
2883 & 2882
0626 Z
2885 & 2883
0804 Z
125°E
113°E
2883 & 2882
0625 Z
2882 & 2881
0445 Z
FRONTAL
VORTEX
166°W
2880 & 2879
0127 Z
20°N
130°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

JUL. 7 , 1964

PASSES

2880 /2879 . 2885/2883



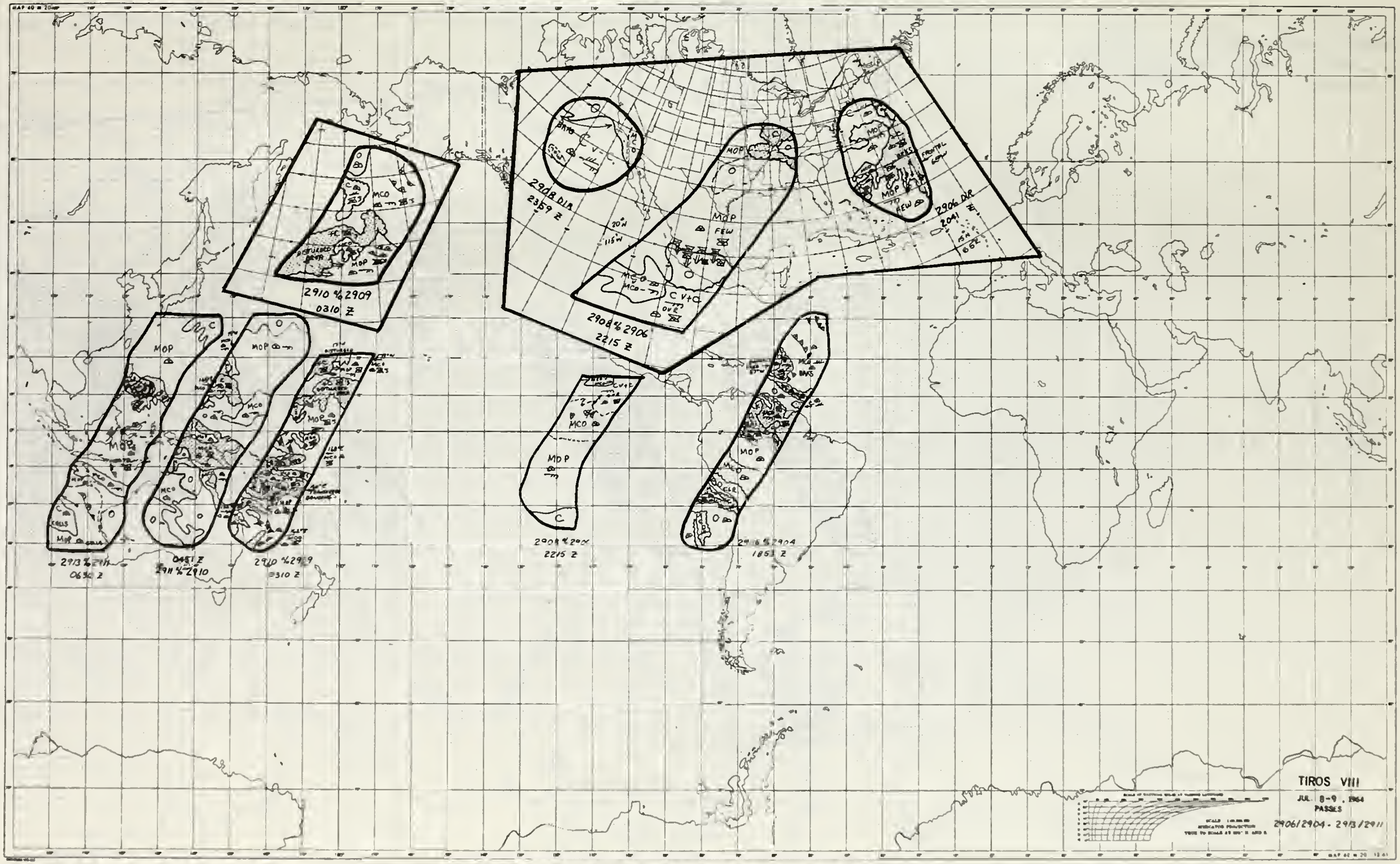
TIROS VIII

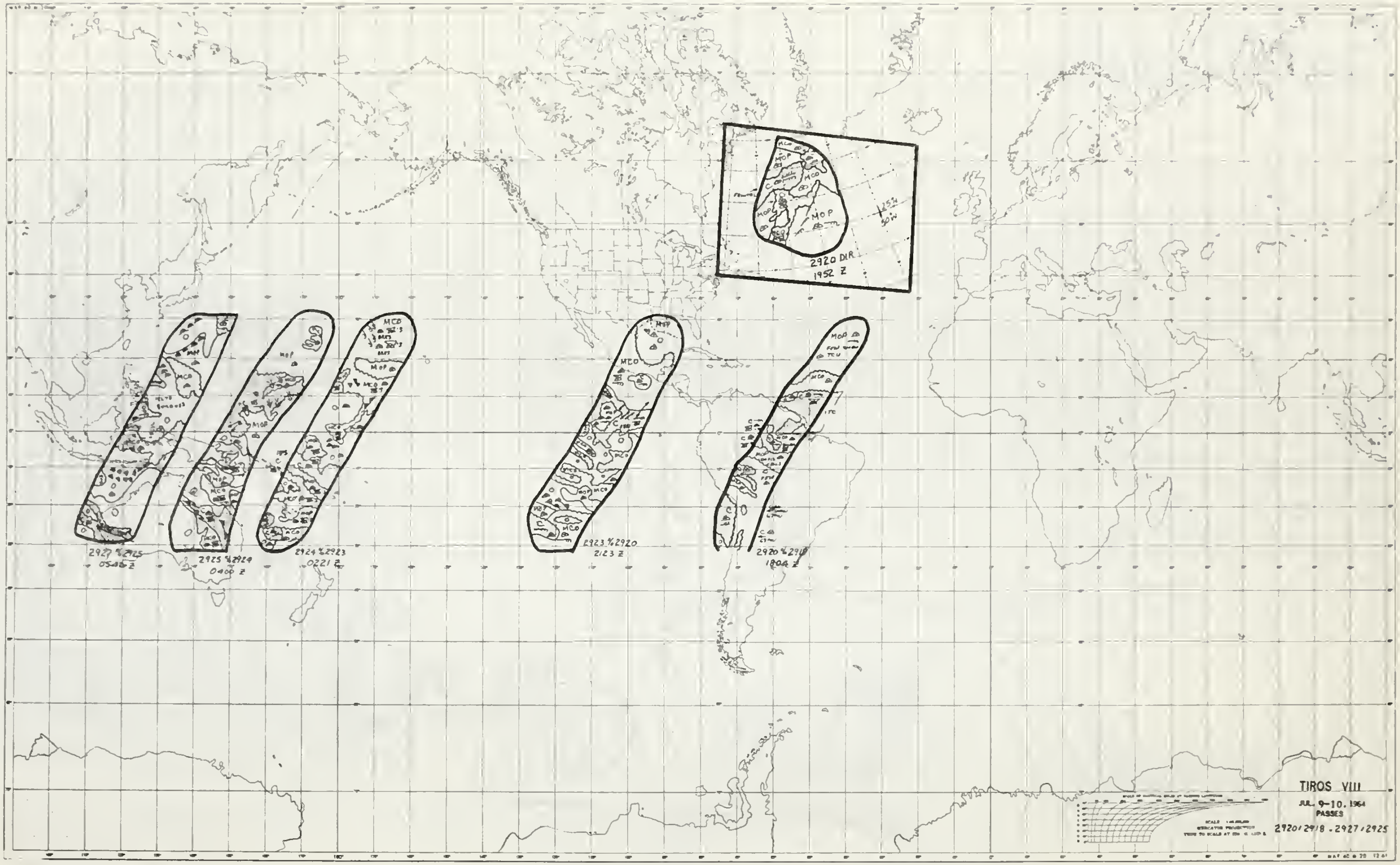
JUL 8, 1964

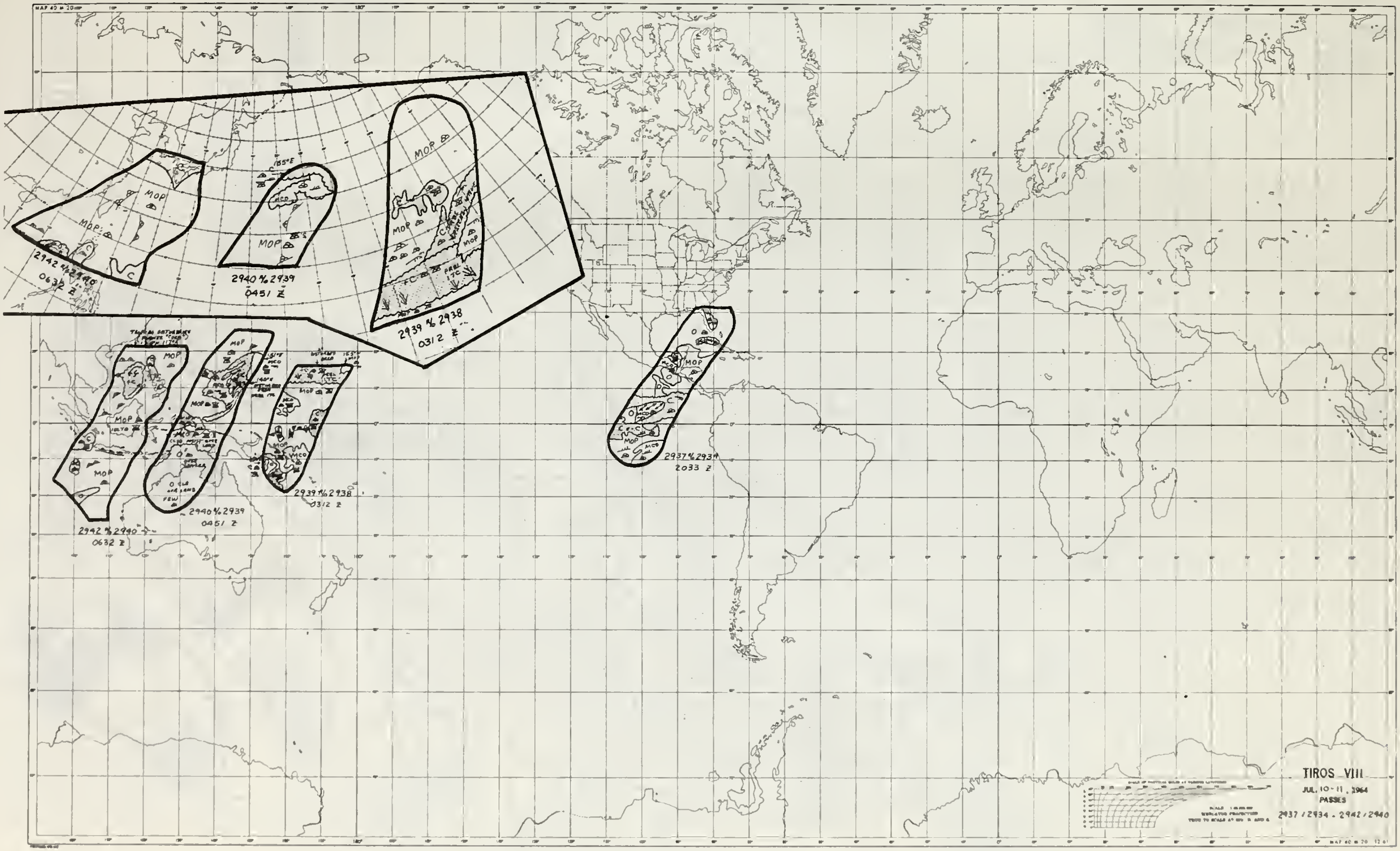
PASSES

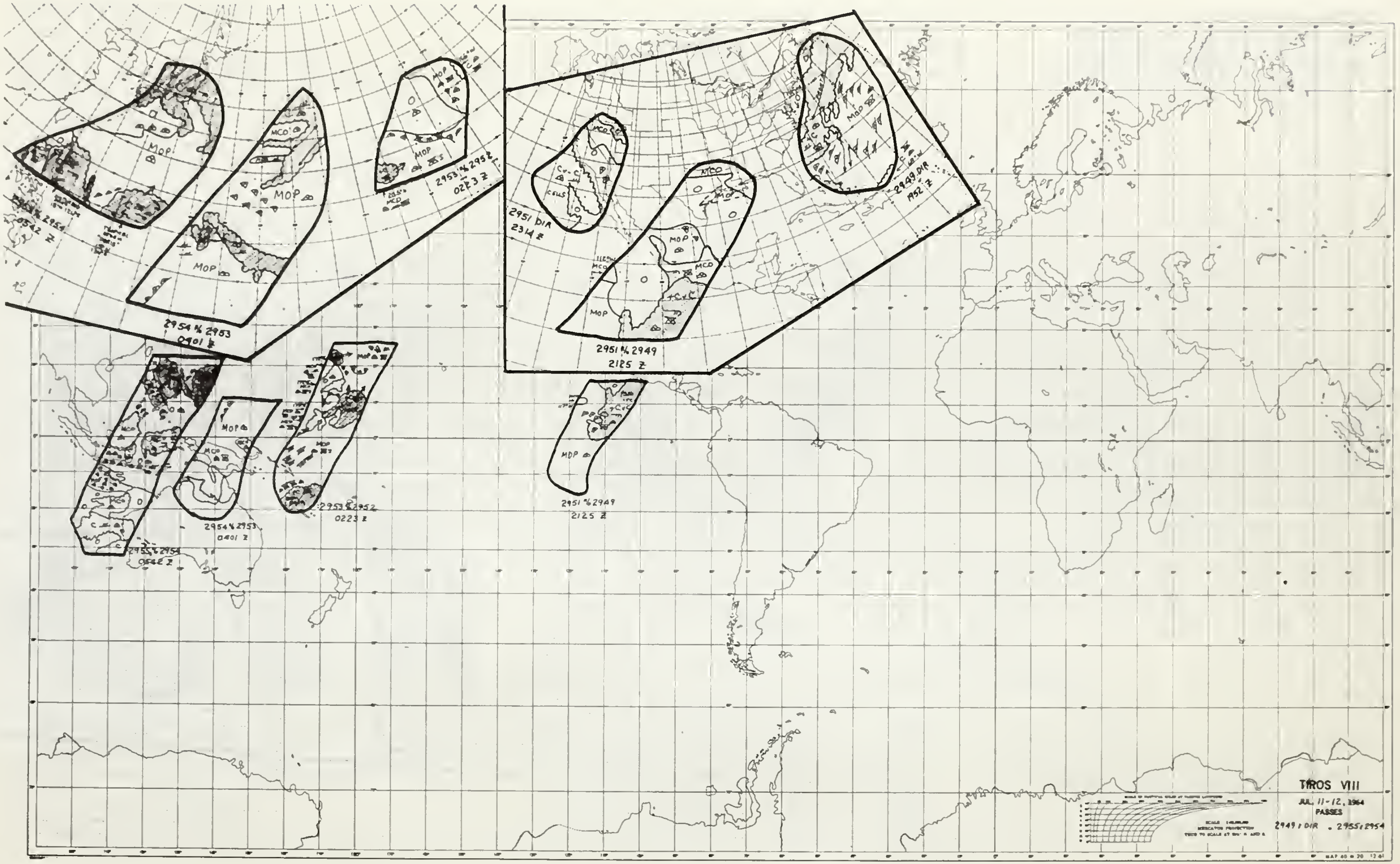
2896/2895, 2899/2897

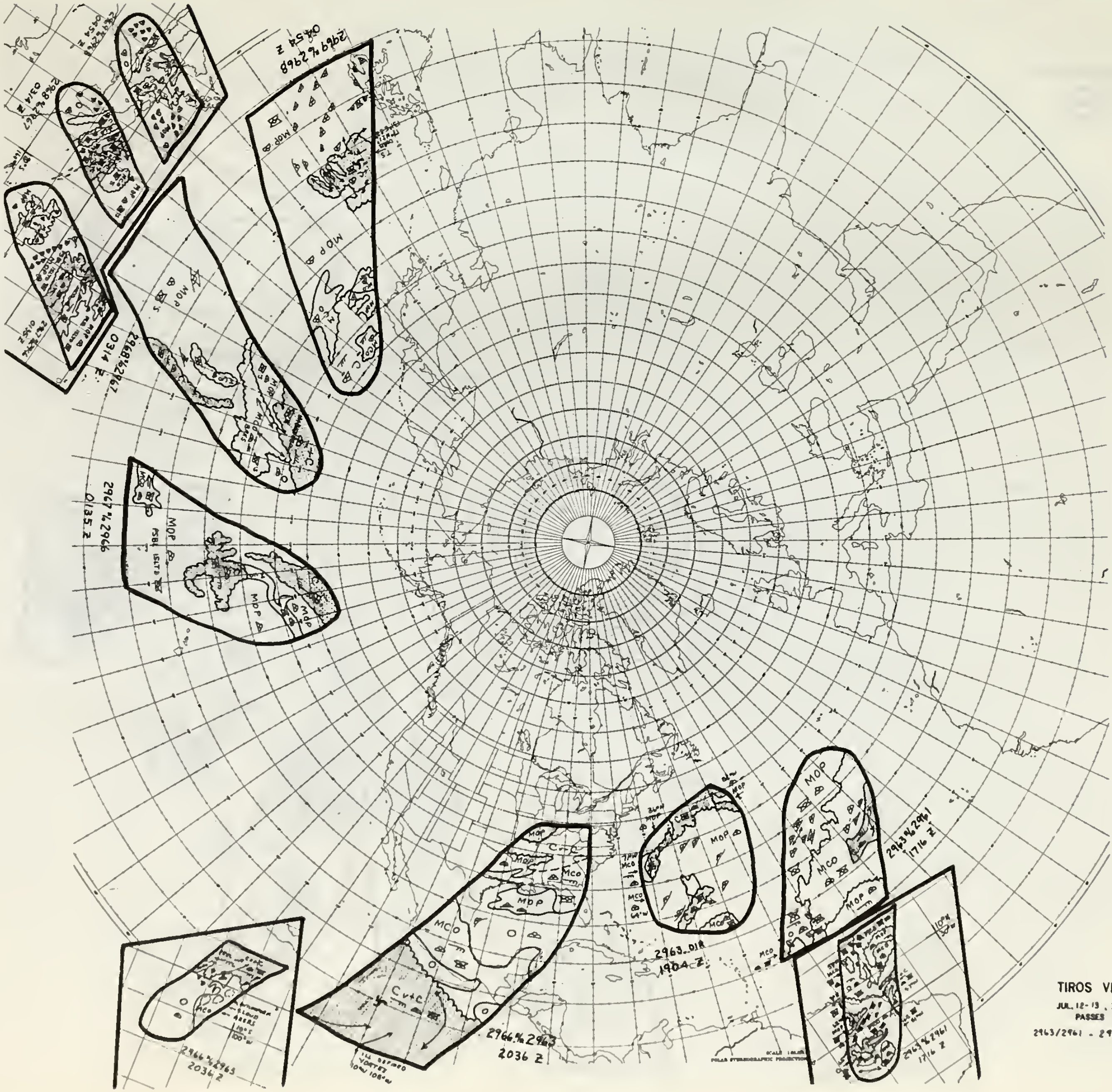
2899 % 2897
0722 Z
MOP
MOP
2899 % 2897
0722 Z
MOP
2897 % 2896
0537 Z
2896 % 2895
0357 Z
MCO
MOA
MOP
MCO
CLR
20S
2897 % 2896
0537 Z
2896 % 2895
0357 Z


TIROS VIII
JUL. 8-9, 1964
PASSES
2906/2904 - 2913/2911
2908 DIR
2359 Z
2908 & 2906
2215 Z
2906 DIR
2041 Z
2910 & 2909
0310 Z
2908 & 2906
2215 Z
2906 & 2904
1851 Z
2913 & 2911
0630 Z
0451 Z
2911 & 2910
2910 & 2909
0310 Z
MOP
MCO
FEW
C V+C
OVR
FRONTAL
BNKS
DISTURBED AREA
20°N
115°W


2920 DIR
1952 Z
MOP
MCO
25N
50W
2927 %2925
0546 Z
2925 %2924
0400 Z
2924 %2923
0221 Z
2923 %2920
2123 Z
2920 %2918
1804 Z
TIROS VIII
JUL. 9-10. 1964
PASSES
2920/2918 . 2927/2925


MOP
MOP
MOP
MCO
MOP
2942 % 2940
0632 Z
2940 % 2939
0451 Z
155°E
MOP
MOP
MOP
C
FC
PROB. ITC
2939 % 2938
0312 Z
MOP
MOP
MOP
MCO
2942 % 2940
0632 Z
2940 % 2939
0451 Z
2939 % 2938
0312 Z
VMCO
TC
MOP
MCO
2937 % 2934
2033 Z
TIROS VIII
JUL. 10-11, 1964
PASSES
2937 / 2934 . 2942 / 2940
MAP 40 M 20


2955 & 2954
0542 Z
MOP
MCO
MOP
2954 & 2953
0401 Z
MOP
MOP
2953 & 2952
0223 Z
2951 DIR
2314 Z
CuCi
CuLS
MCO
MOP
MCO
MOP
MCO
MOP
2951 & 2949
2125 Z
MCO
MOP
2949 DIR
1952 Z
MOP
2951 & 2949
2125 Z
MOP
MCO
2954 & 2953
0401 Z
2953 & 2952
0223 Z
2955 & 2954
0542 Z
TIROS VIII
JUL 11-12, 1964
PASSES
2949 DIR . 2955, 2954
MAP 40 20 12 61

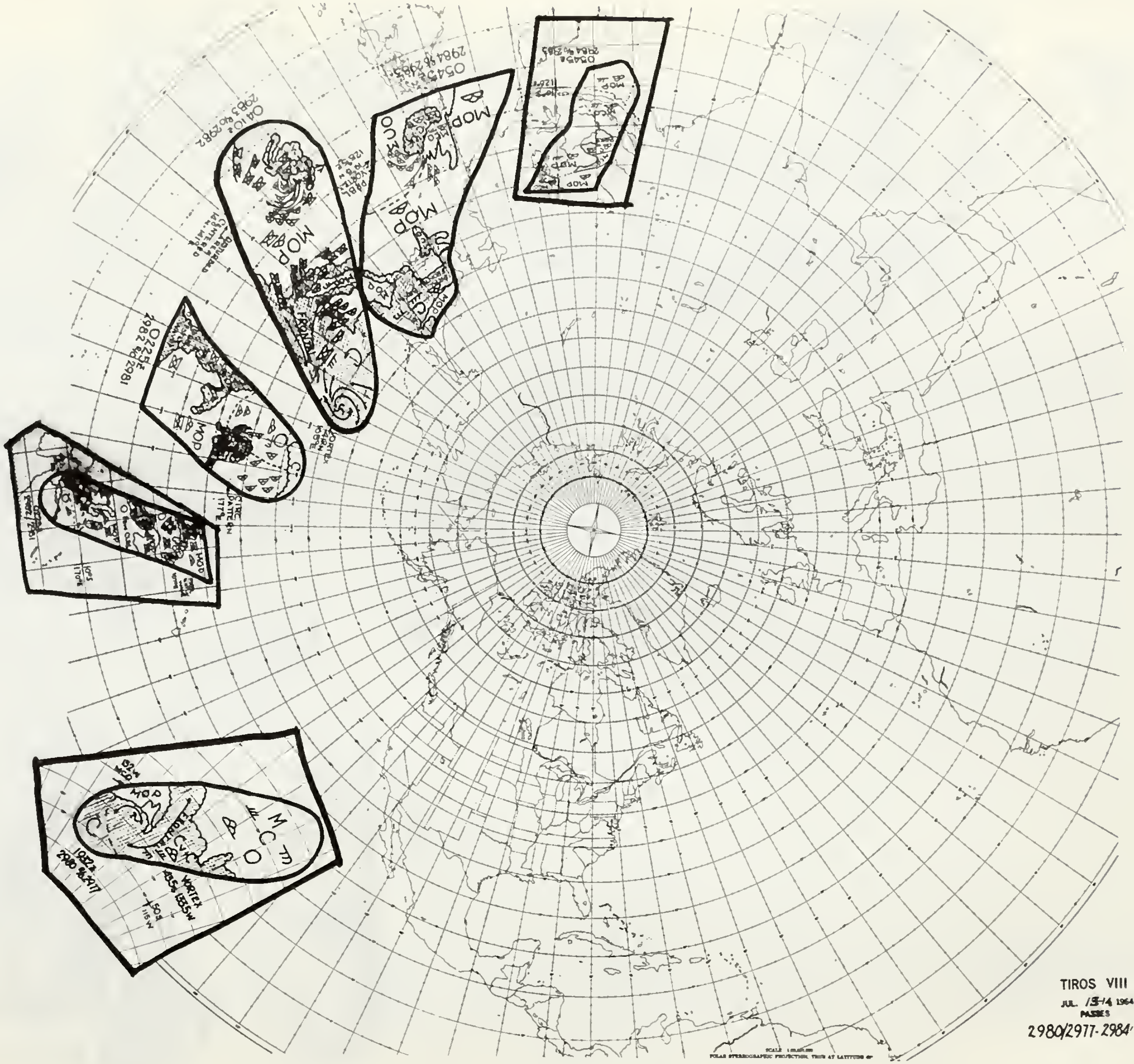

2969 & 2968
0454 Z
2968 & 2967
0314 Z
2967 & 2966
0135 Z
2966 & 2963
2036 Z
2963 DIR
1904 Z
2963 & 2961
1716 Z
MOP
MCO
C+C
PSBL ISLTD
VORTEX
POLAR STEREOGRAPHIC PROJECTION

TIROS VIII

JUL. 12-13, 1964

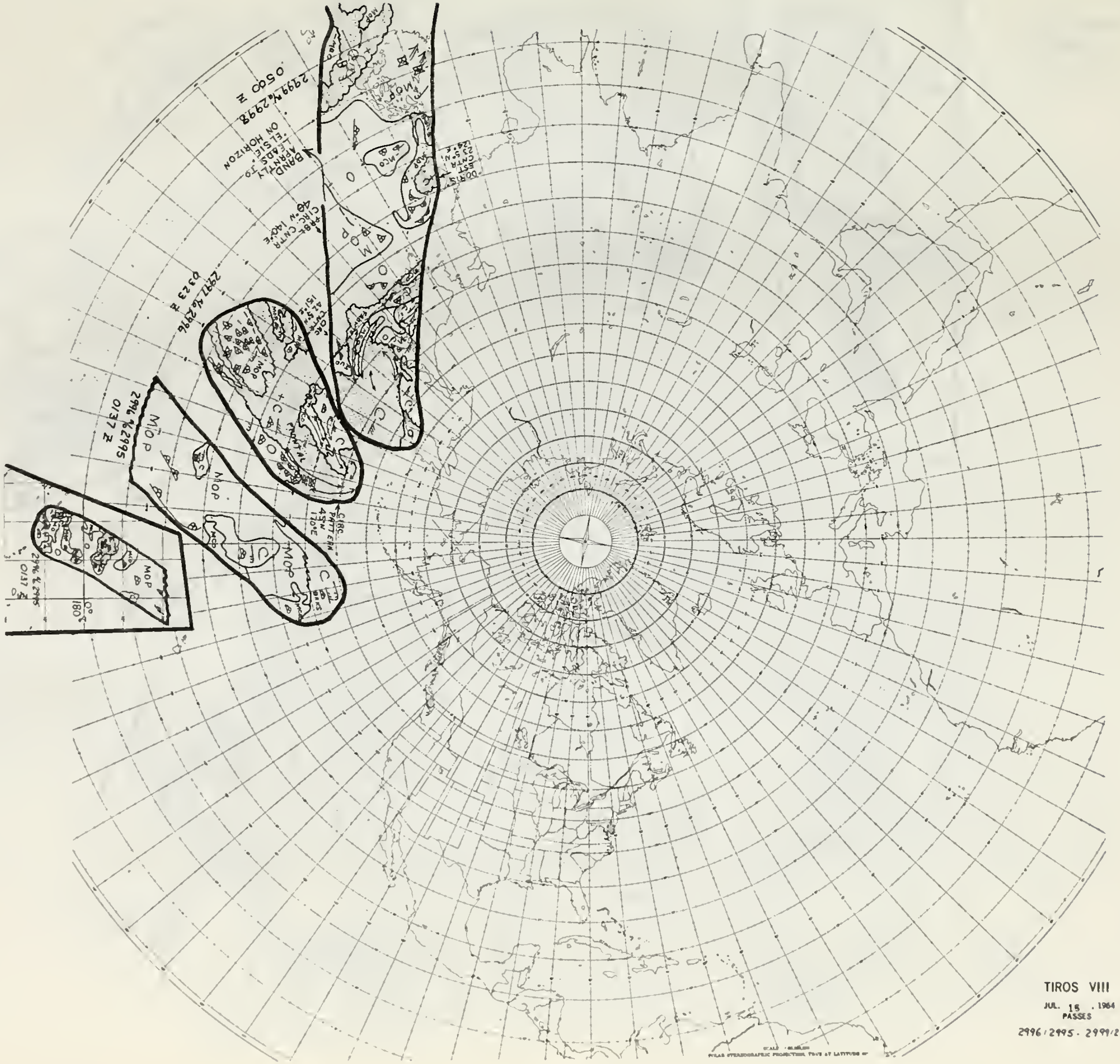
PASSES

2963/2961 - 2969/2968



MOP
0545z
2984 to 2985
0410z
2983 to 2982
FRONTAL
VORTEX
CIRC PATTERN
177°E
0225z
2982 to 2981
10°S
170°E
VORTEX
48.5N 133.5W
50°S
115°W
1932z
2980 to 2977
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
JUL. 13-14 1964
PASSES
2980/2977-2984/2983

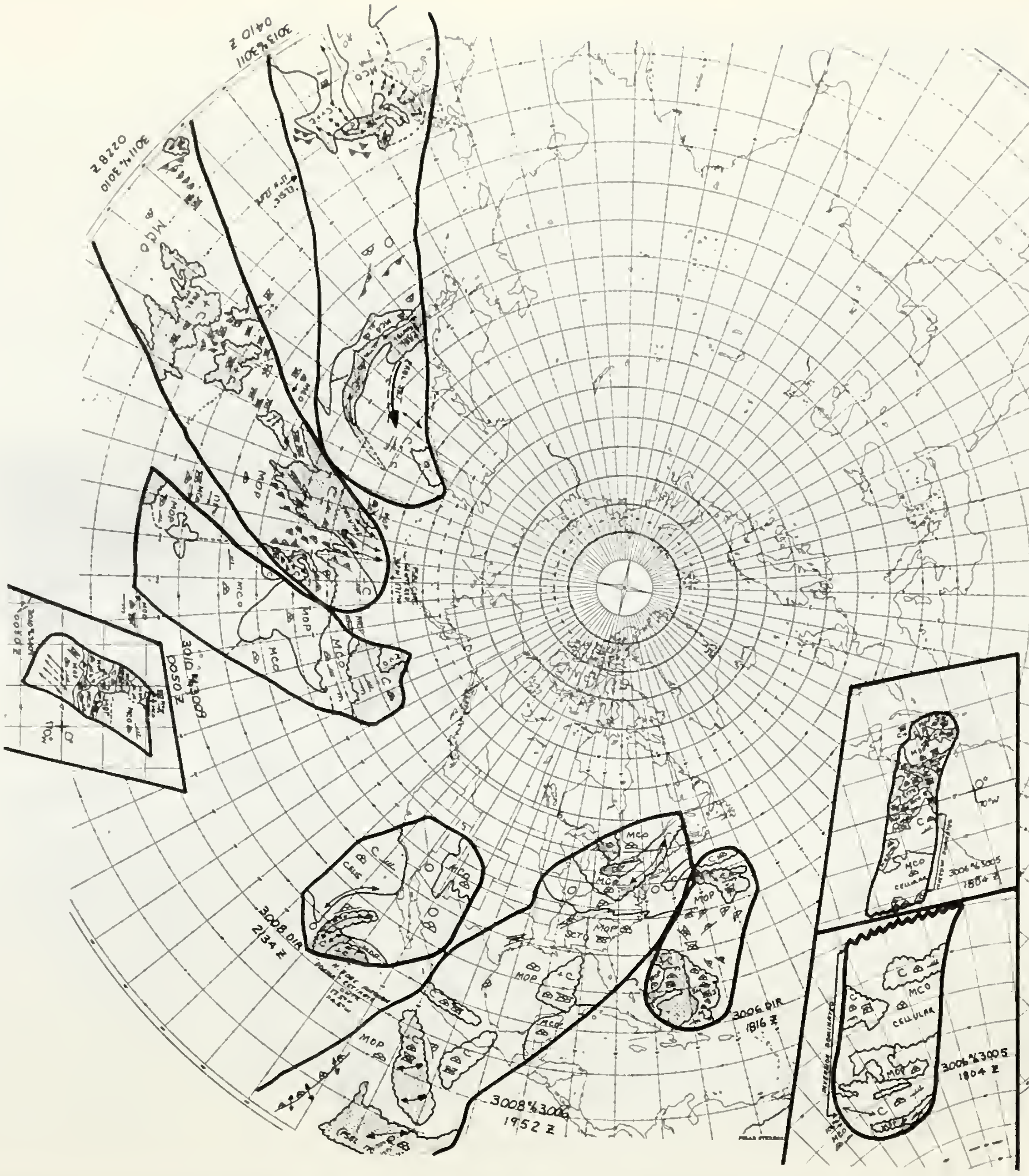

DORIS EST. CNTR 23.5°N 124°E
PRBL CIRC CNTR 40°N 140°E
BAND APRNTLY LEADS TO "ELSIE" ON HORIZON
2999 & 2998
0500 Z
CIRC CNTR 42.5°N 151°E
FRONTAL
CIRC. PATTERN 45°N 170°E
2997 & 2996
0323 Z
2996 & 2995
0137 Z
2996 & 2995
0137 Z
MOP
MCO
C
O
0°
180°
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

TIROS VIII

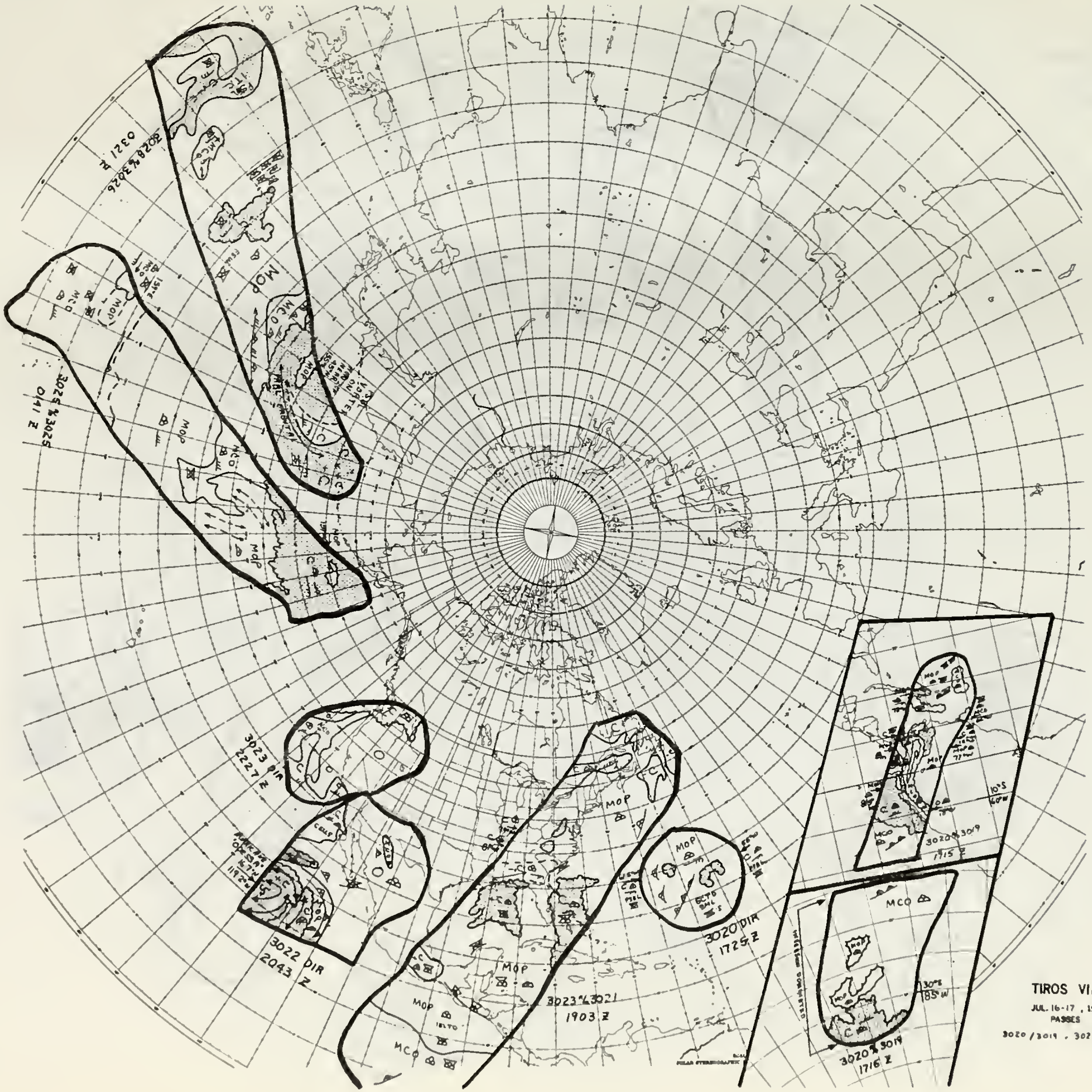
JUL. 15 . 1964

PASSES

2996/2995 - 2999/2998

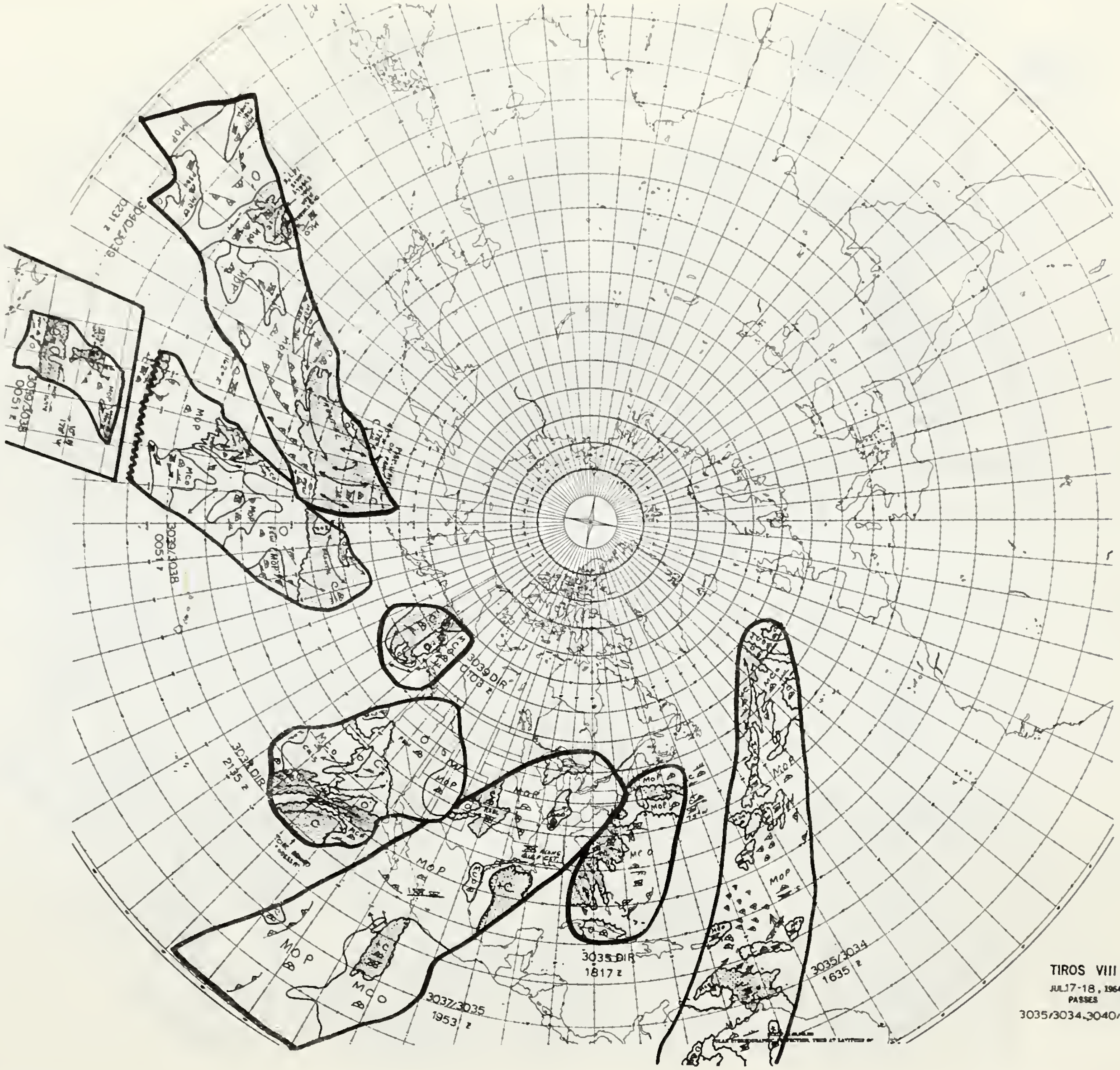

3013 & 3011
0410 Z
3011 & 3010
0228 Z
3010 & 3009
0050 Z
3008 DIR
2134 Z
3008 & 3006
1952 Z
3006 DIR
1816 Z
3006 & 3005
1804 Z
MCO
MOP
CELLULAR
C

TIROS VIII
JUL. 15-16, 1964
PASSES
3006/3005 - 3013/3011

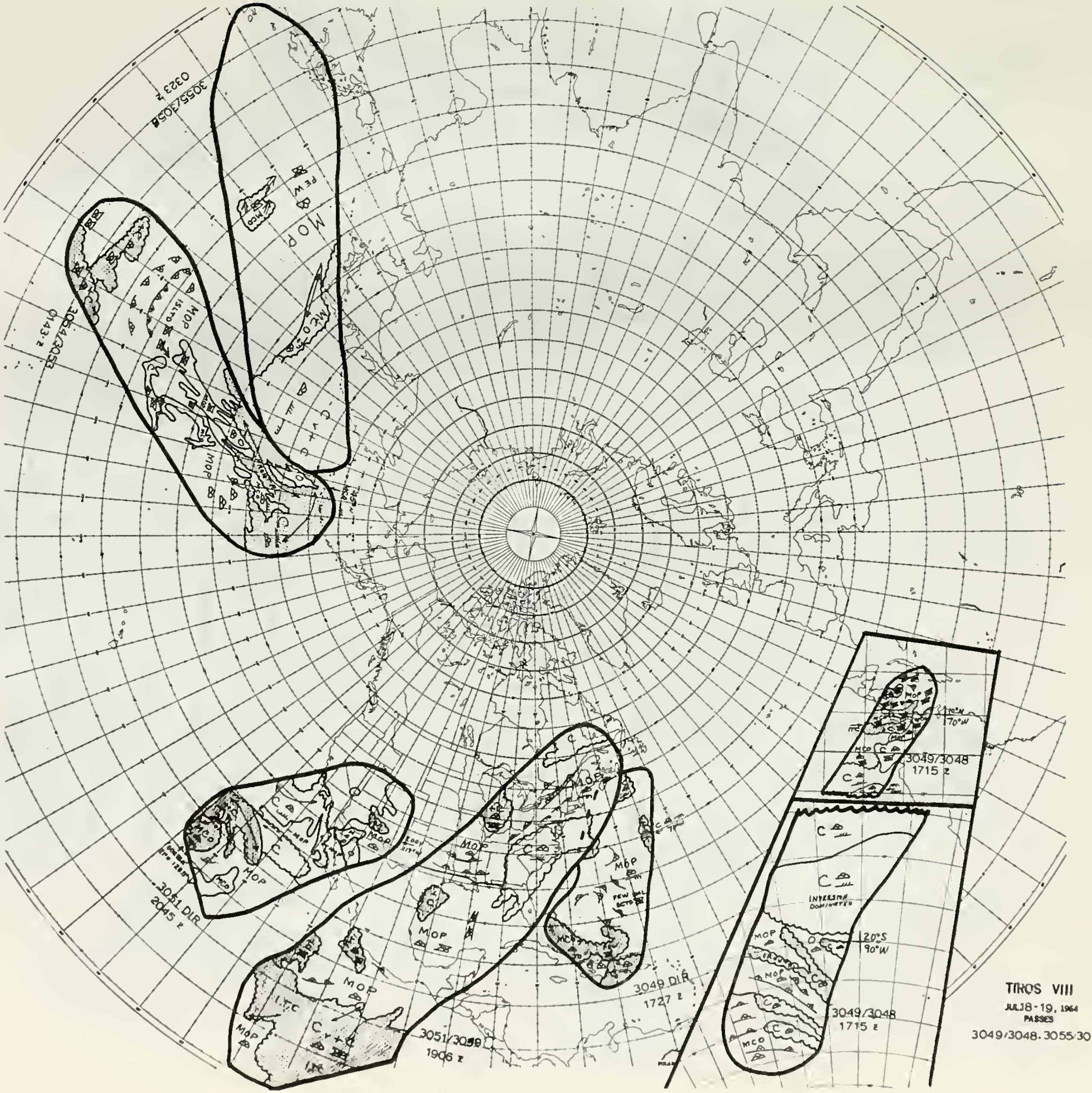

3028 & 3026
0321 Z
3025 & 3025
0141 Z
MOP
MCO
3023 DIR
2227 Z
3022 DIR
2043 Z
3023 & 3021
1903 Z
3020 DIR
1725 Z
3020 & 3019
1715 Z
3020 & 3019
1716 Z
10°S
60°W
30°S
85°W
POLAR STEREOGRAPHIC

TIROS VIII

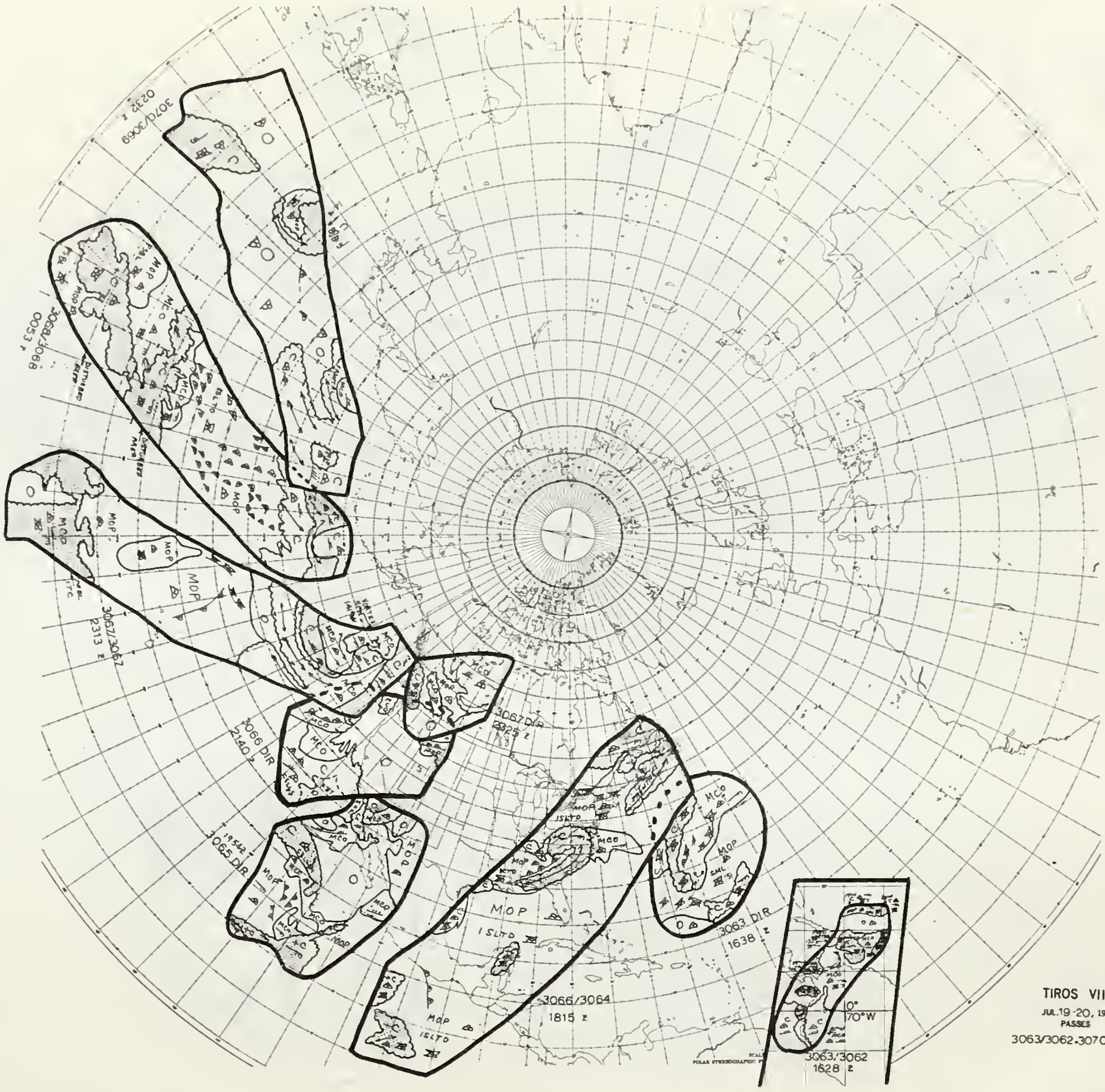
JUL. 16-17, 1964
PASSES
3020/3019, 3028/3026


3040/3038
0231 z
3039/3038
0051 z
3039/3038
0051 z
3039 DIR
0108 z
3038 DIR
2135 z
3037/3035
1953 z
3035 DIR
1817 z
3035/3034
1635 z
MOP
MCO

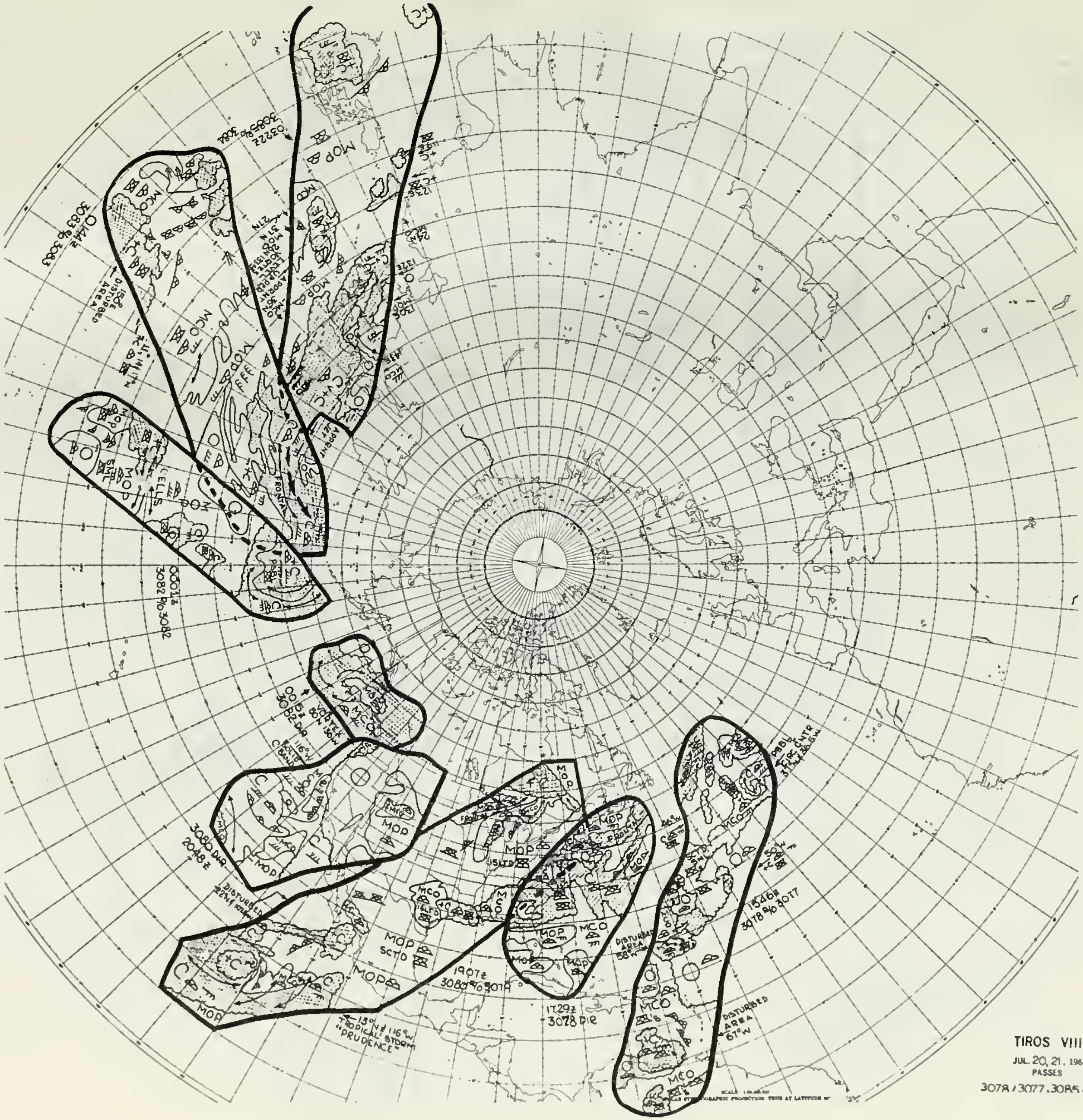
TIROS VIII
JUL 17-18, 1964
PASSES
3035/3034,3040/3039


3055/3054
0323 Z
FEW
MOP
MCO
C
3054/3053
0143 Z
ISLTD
3051 DIR
2045 Z
3051/3050
1906 Z
ITC
3049 DIR
1727 Z
FEW
3049/3048
1715 Z
70°W
INVERSION DOMINATED
20°S
90°W
3049/3048
1715 Z

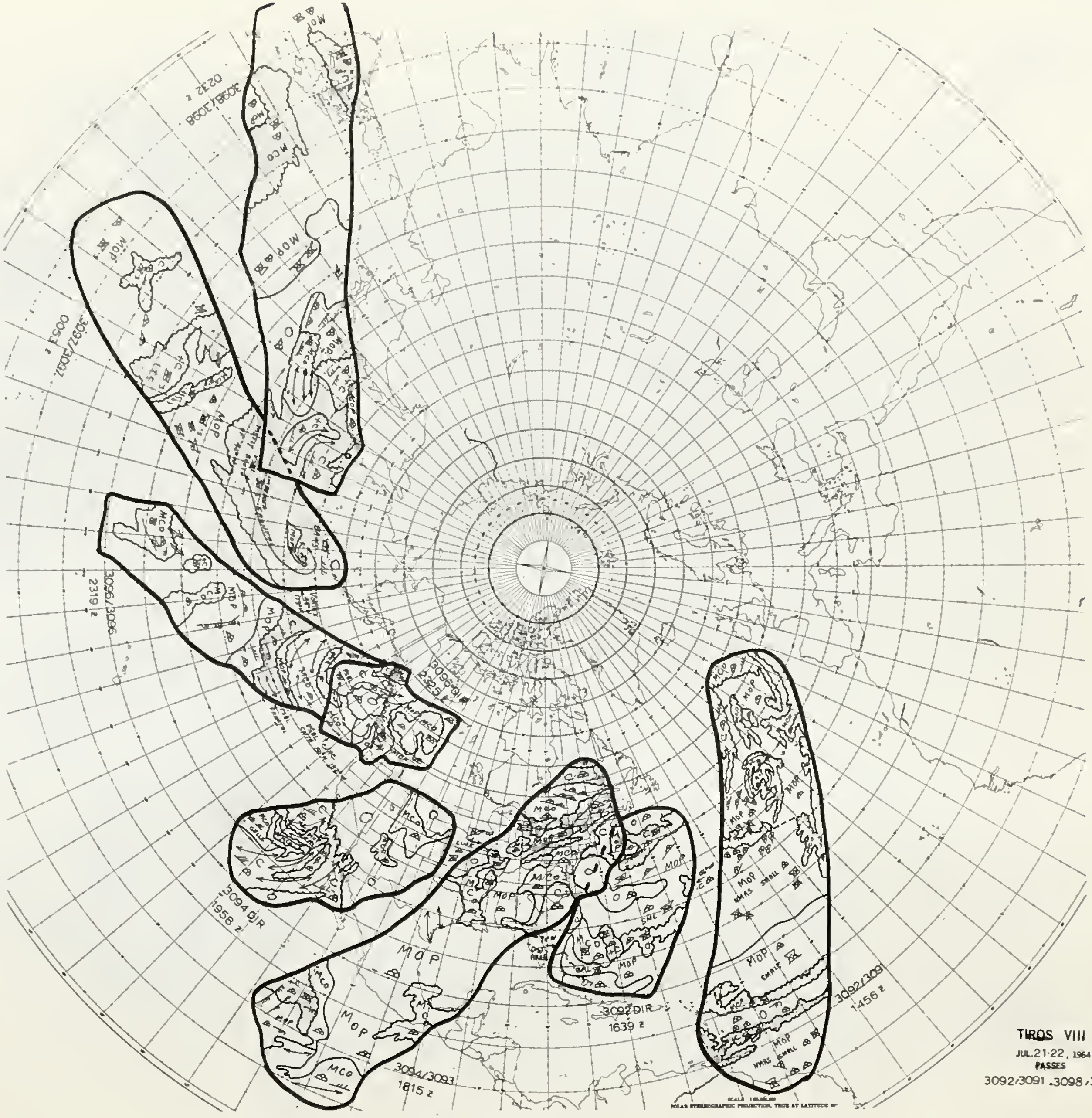
TIROS VIII
JUL 18-19, 1964
PASSES
3049/3048.3055/3054


3070/3069
0232 Z
3068/3068
0053 Z
3067/3067
2313 Z
3066 DIR
2140 Z
3065 DIR
3067 DIR
2325 Z
3066/3064
1815 Z
3063 DIR
1638 Z
3063/3062
1628 Z
10°
70°W
MOP
MCO
ISLTD
VORTEX
DISTURBED
POLAR STEREOGRAPHIC

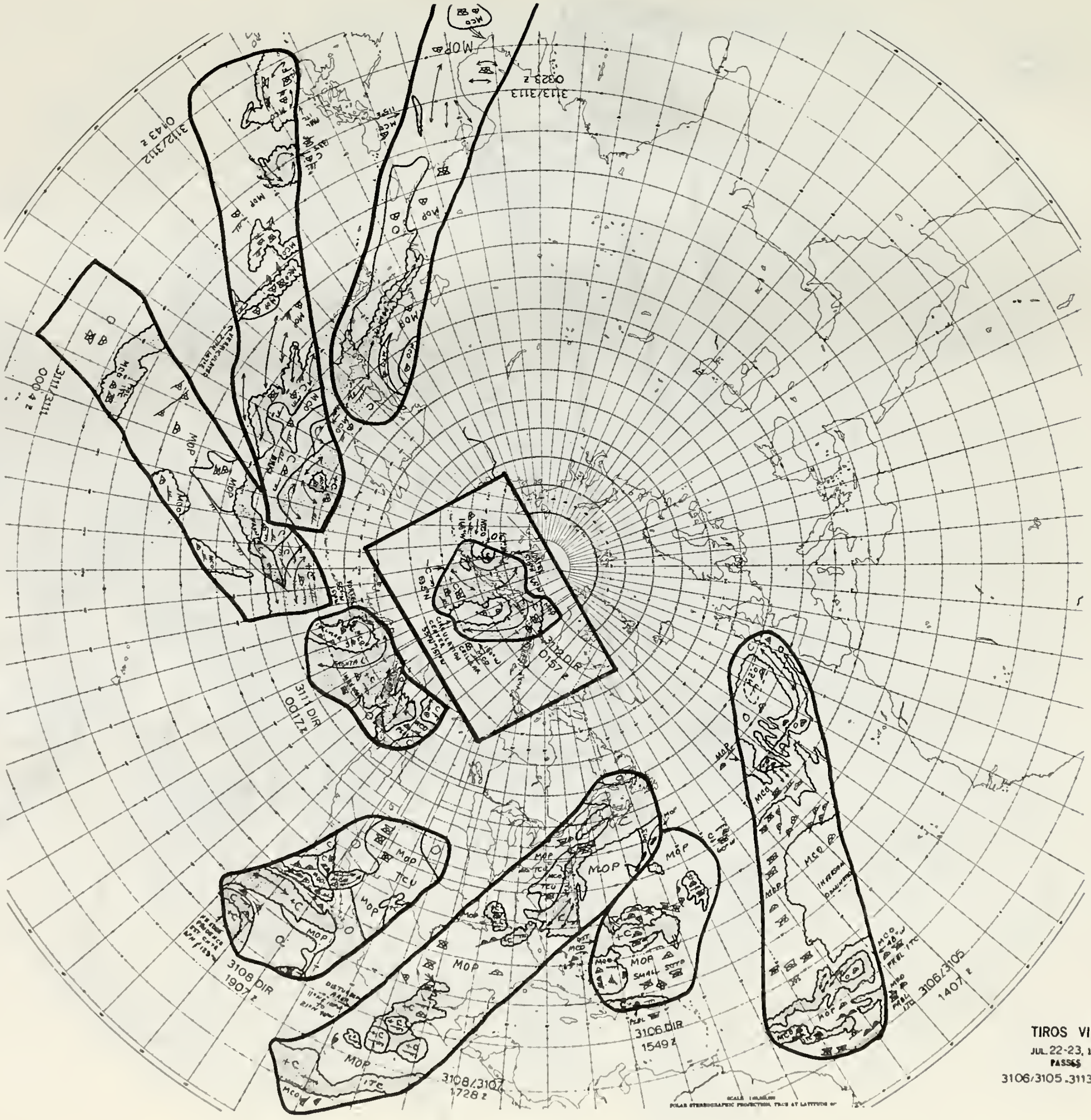
TIROS VIII
JUL. 19-20, 1964
PASSES
3063/3062-3070/3069


0322Z
3085 to 3084
MOP
MCO
123E
+C
24N
132E
130E
143E
APPRNT JET
APPRNT UPPER LEVEL VORTEX 26N 131E
MOP
31N
27N
0144Z
3083 to 3083
15N 150E DISTURBED AREA
14N 141E
MCO
MOP
FFF
FRONTAL
CELLS
SML
MOP
0001Z
3082 to 3082
PSBL
0015Z
3082 DIR
VORTEX 60N 130W
116°W
SOLID C BAND
MCO
MOP
3080 DIR
2048Z
DISTURBED 22N 101W
MOP
FRONTAL
MOP
ISLTD
MCO
MOP
SCTD
1907Z
3080 to 3079
13°N 116°W TROPICAL STORM "PRUDENCE"
MCO
MOP
DISTURBED AREA 58°W
1729Z
3078 DIR
46°W
50°W
1546Z
3078 to 3077
PSBL CIRC CNTR
MCO
DISTURBED AREA 67°W
SCALE
STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

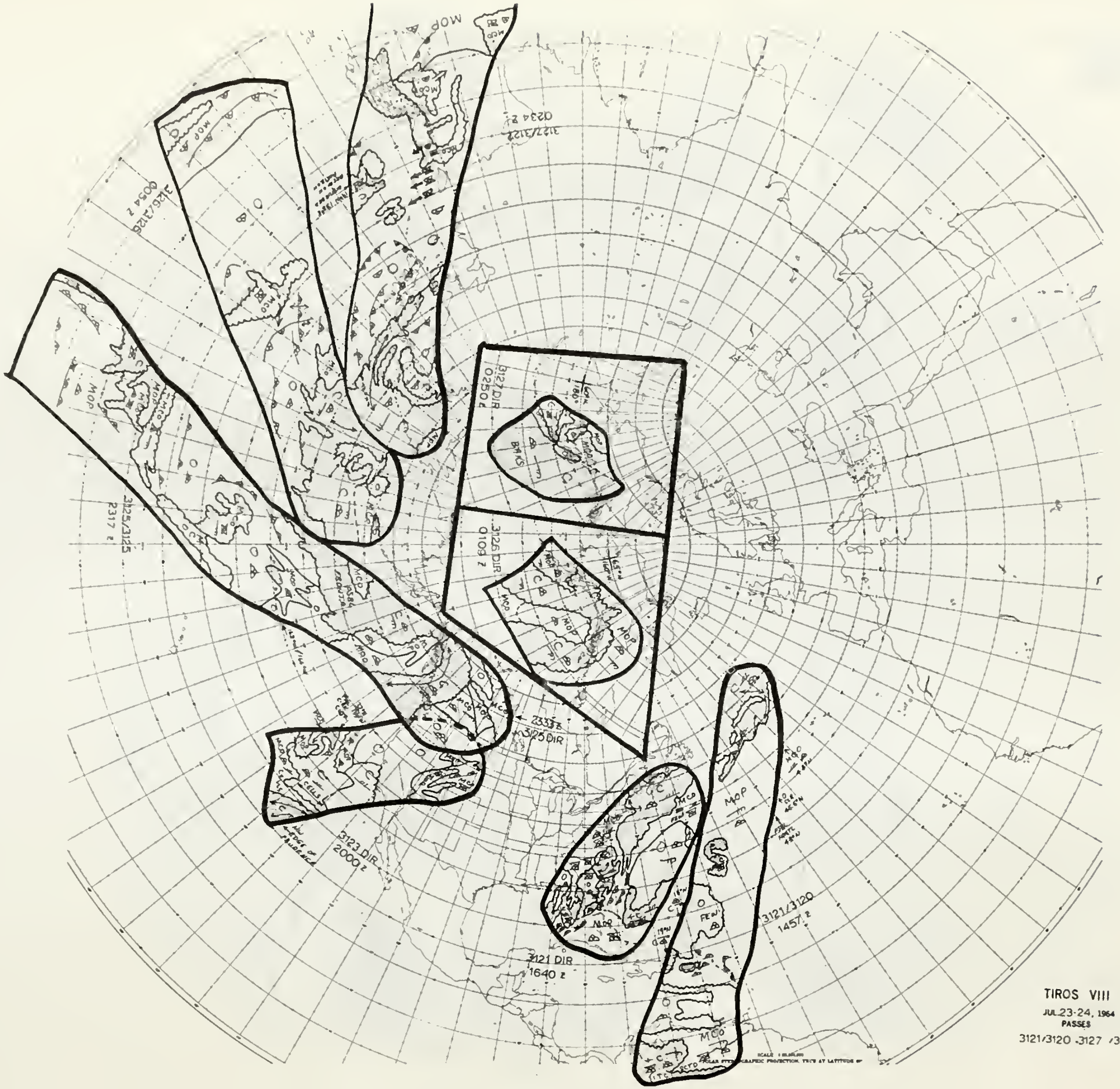
TIROS VIII
JUL. 20, 21, 1964
PASSES
3078/3077.3085/3084


3098/3098
0232 z
3097/3097
0053 z
3096/3096
2319 z
3096 DIR
2323 z
3094 DIR
1958 z
3094/3093
1815 z
3092 DIR
1639 z
3092/3091
1456 z
MOP
MCO
C
O
SMALL
NMAS

TIROS VIII
JUL.21-22, 1964
PASSES
3092/3091 .3098/3098

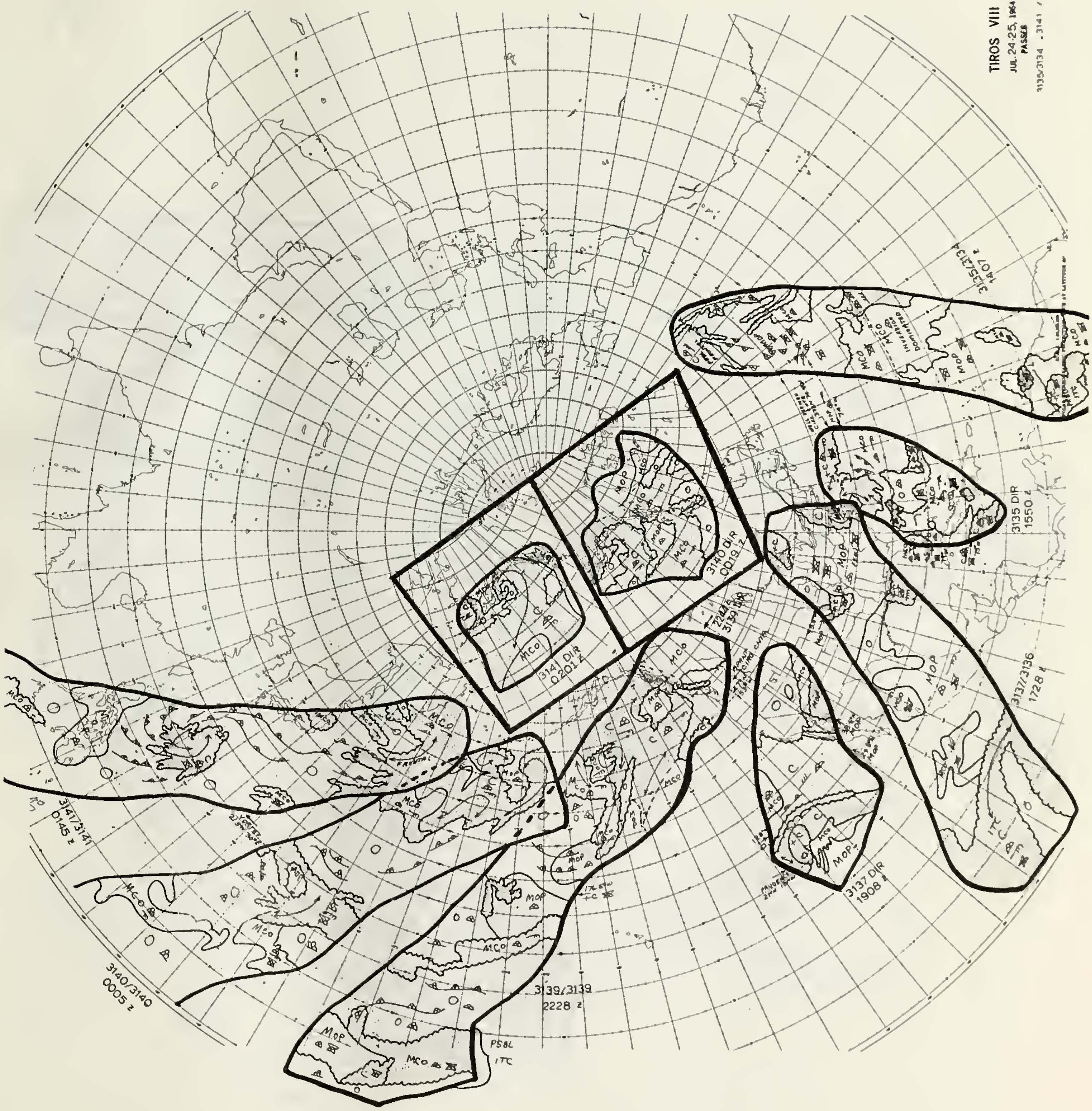

3113/3113
0323 z
MOP
MCO
3112/3112
0143 z
3111/3111
0004 z
3111 DIR
0017 z
3112 DIR
0157 z
CIRCULATION CENTER
3108 DIR
1907 z
3108/3107
1728 z
3106 DIR
1549 z
3106/3105
1407 z
MCO
INTERNAL DYNAMICS
SMALL SCALE
TCU
ITC
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

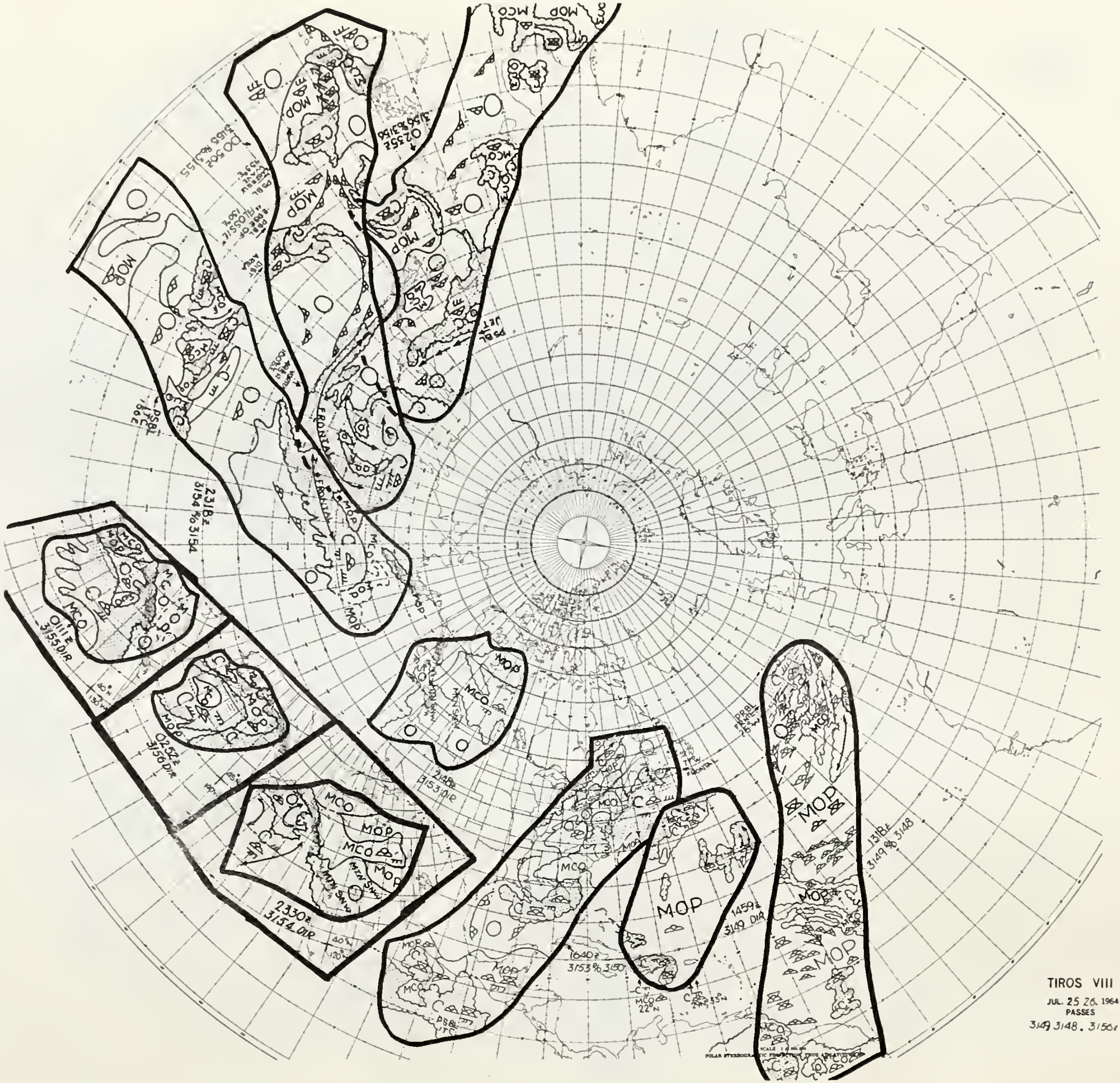
TIROS VIII
JUL. 22-23, 1964
PASSES
3106/3105.3113 /3113


3127/3127
0234 z
3126/3126
0054 z
3125/3125
2317 z
3127 DIR
0250 z
60°N
180°
BRKS
MCO
3126 DIR
0109 z
65°N
160°W
MOP
MCO
C
2333 z
3125 DIR
ASBL
FRONT
CELLS
EDGE OF TURBULENCE
3123 DIR
2000 z
3121 DIR
1640 z
3121/3120
1457 z
MOP
MCO

TIROS VIII
JUL 23-24, 1964
PASSES
3121/3120 -3127 /3127

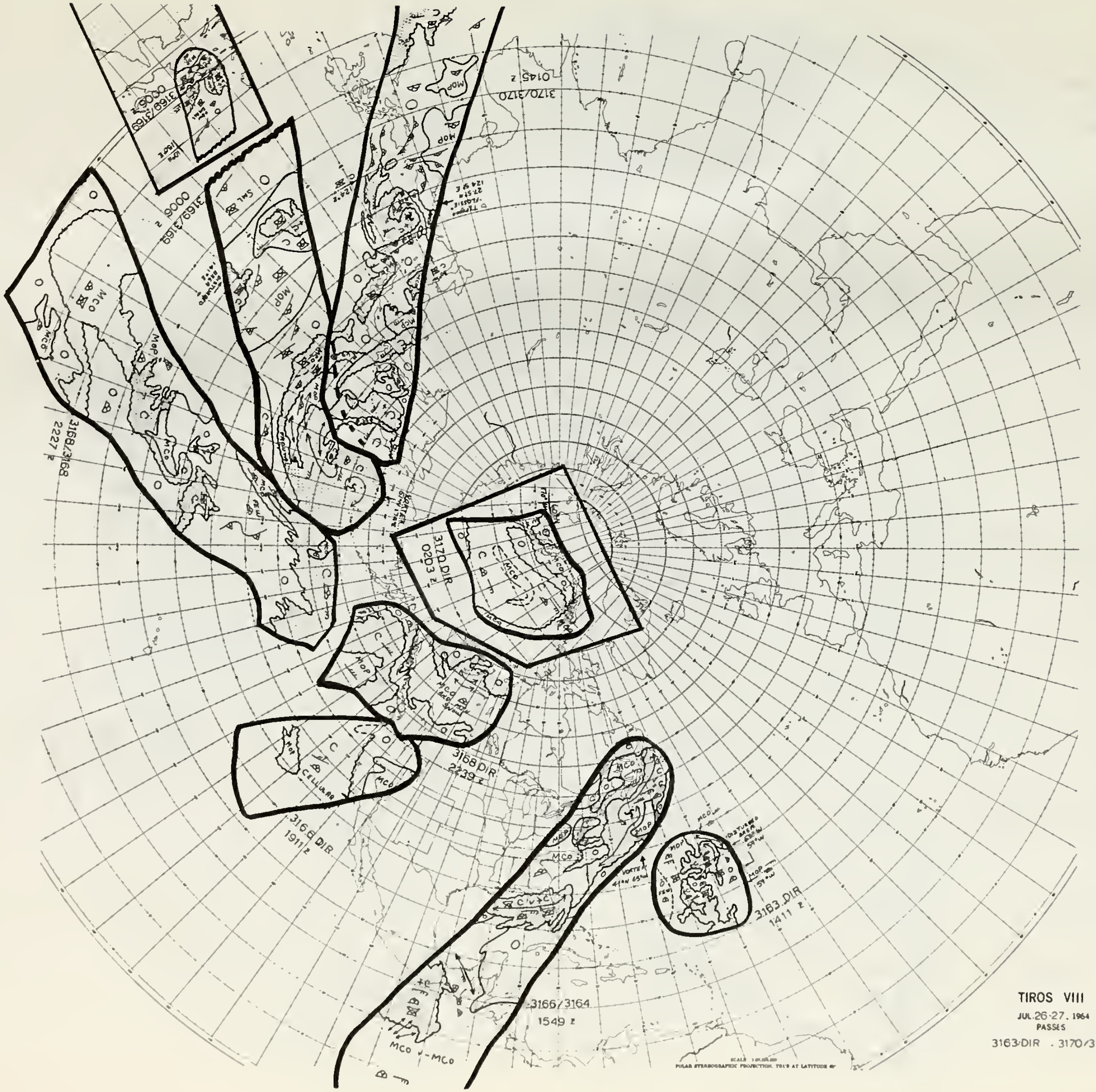
TIROS VIII
JUL. 24-25, 1964
PASSES
3135/3134 . 3141 /3141


3135/3134
1407 z
3135 DIR
1550 z
3137/3136
1728 z
3137 DIR
1908 z
3140 DIR
0019 z
3139 DIR
3141 DIR
0201 z
3141/3141
0145 z
3140/3140
0005 z
3139/3139
2228 z
MCO
MOP
ITC
FRONTAL
P58L


1318z
3149 & 3148
1459z
3149 DIR
1640z
3153 & 3150
2148z
3153 DIR
2330z
3154 DIR
0252z
3156 DIR
0111z
3155 DIR
2318z
3154 & 3154
MOP
MCO
FRONTAL
PSBL
JET
PSBL
ITC
MTN SNW

TIROS VIII

JUL. 25 26. 1964
PASSES
3149 3148 . 3156 DIR

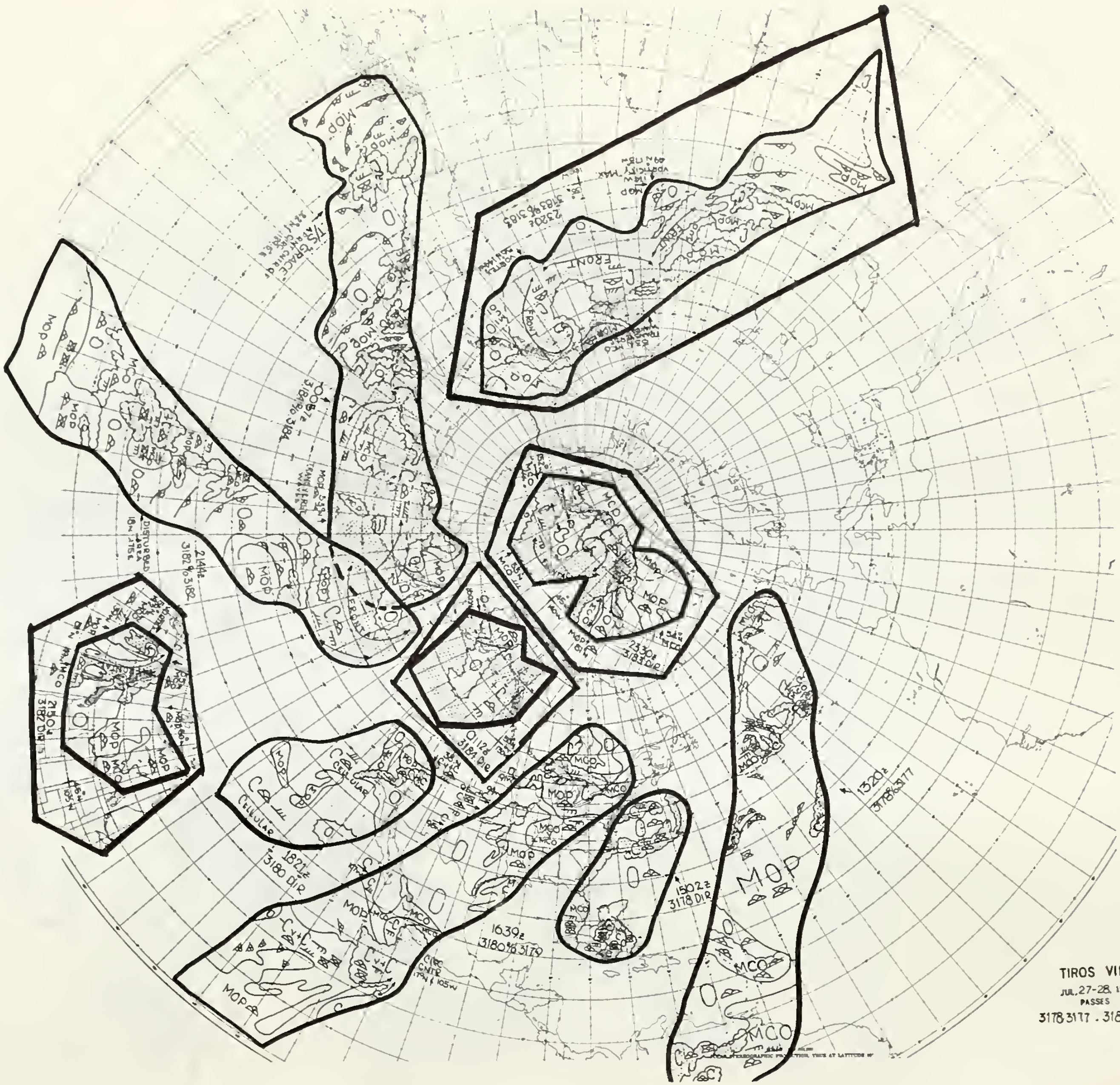

3170/3170
0145 z
3169/3169
0006 z
3169/3169
0006 z
3168/3168
2227 z
3170 DIR
0203 z
3168 DIR
2239 z
3166 DIR
1911 z
3166/3164
1549 z
3163 DIR
1411 z
MOP
MCO
C
SML
CELLULAR
VORTEX
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

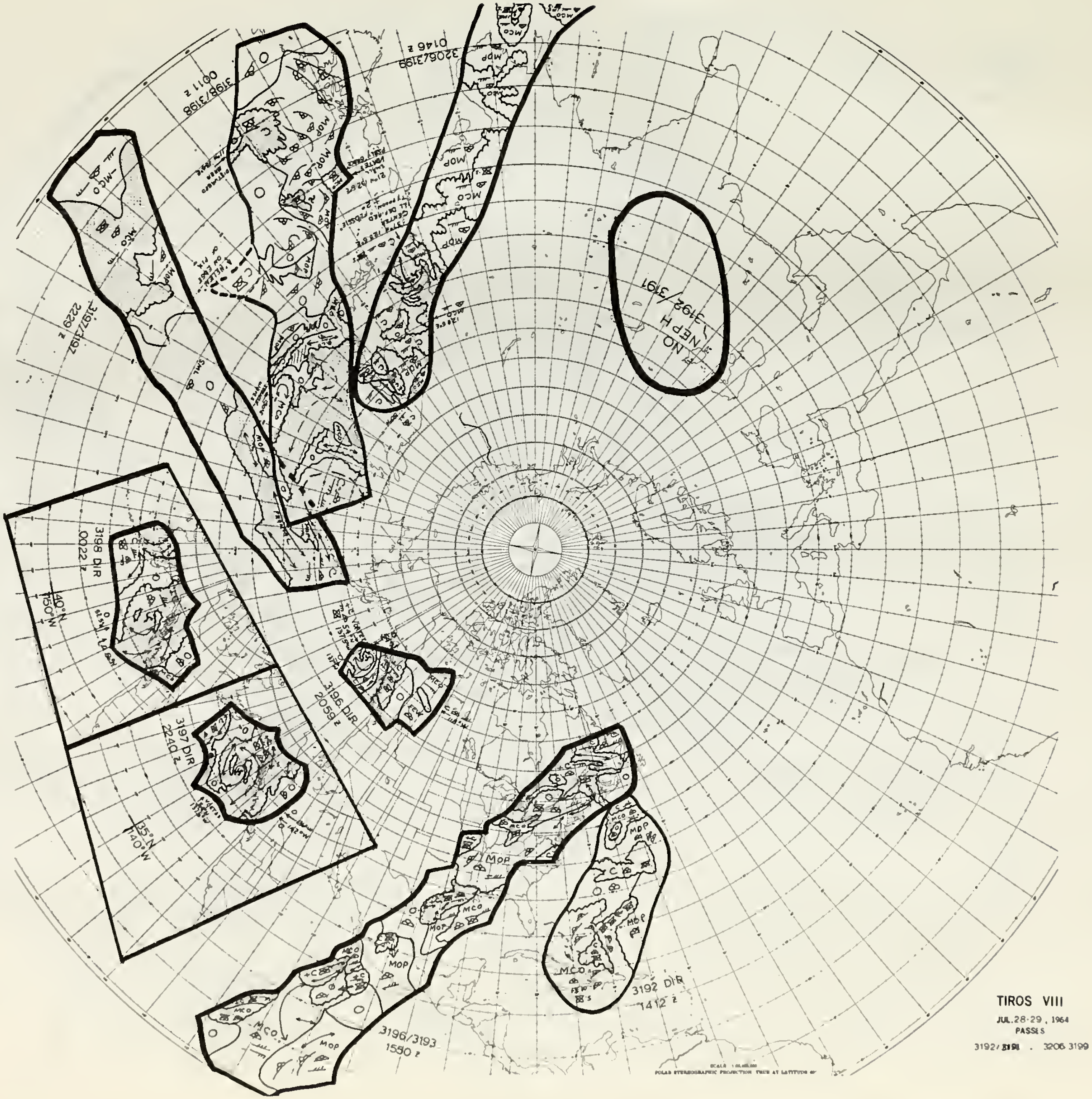
JUL.26-27, 1964

PASSES

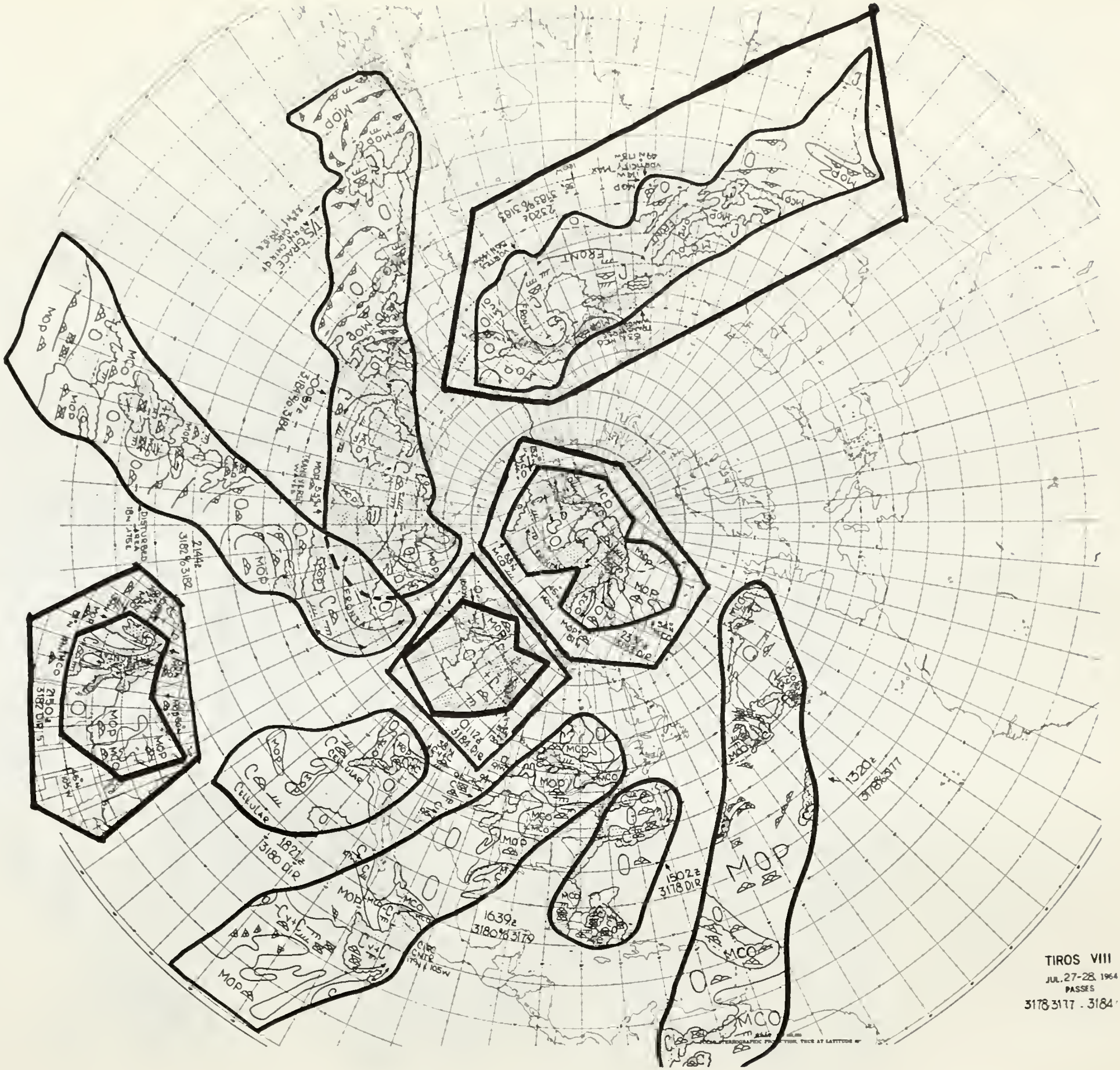
3163-DIR . 3170/3170


1320z 3178&3177
1502z 3178 DIR
1639z 3180&3179
1821z 3180 DIR
CELLULAR
CIRC CNTR 17N 105W
2150z 3182 DIR
2144z 3182&3182
DISTURBED AREA 18N 175E
0112z 3184 DIR
2330z 3183 DIR
2320z 3183&3183
VORTICITY MAX
FRONT
TRANSVERSE WAVES
T/S GRACE
MOP
MCO

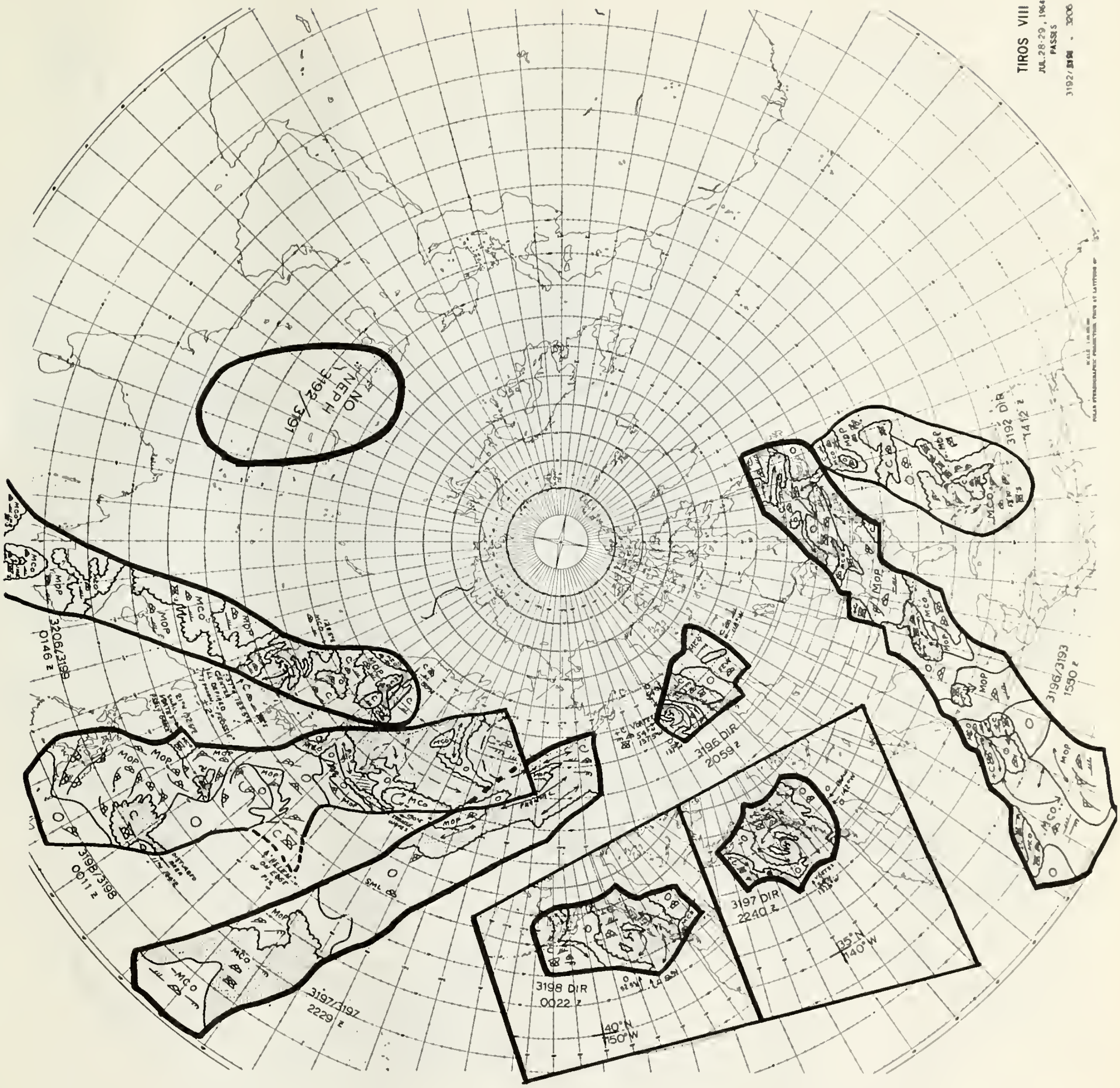
TIROS VIII
JUL. 27-28, 1964
PASSES
3178 3177 . 3184 · DIR

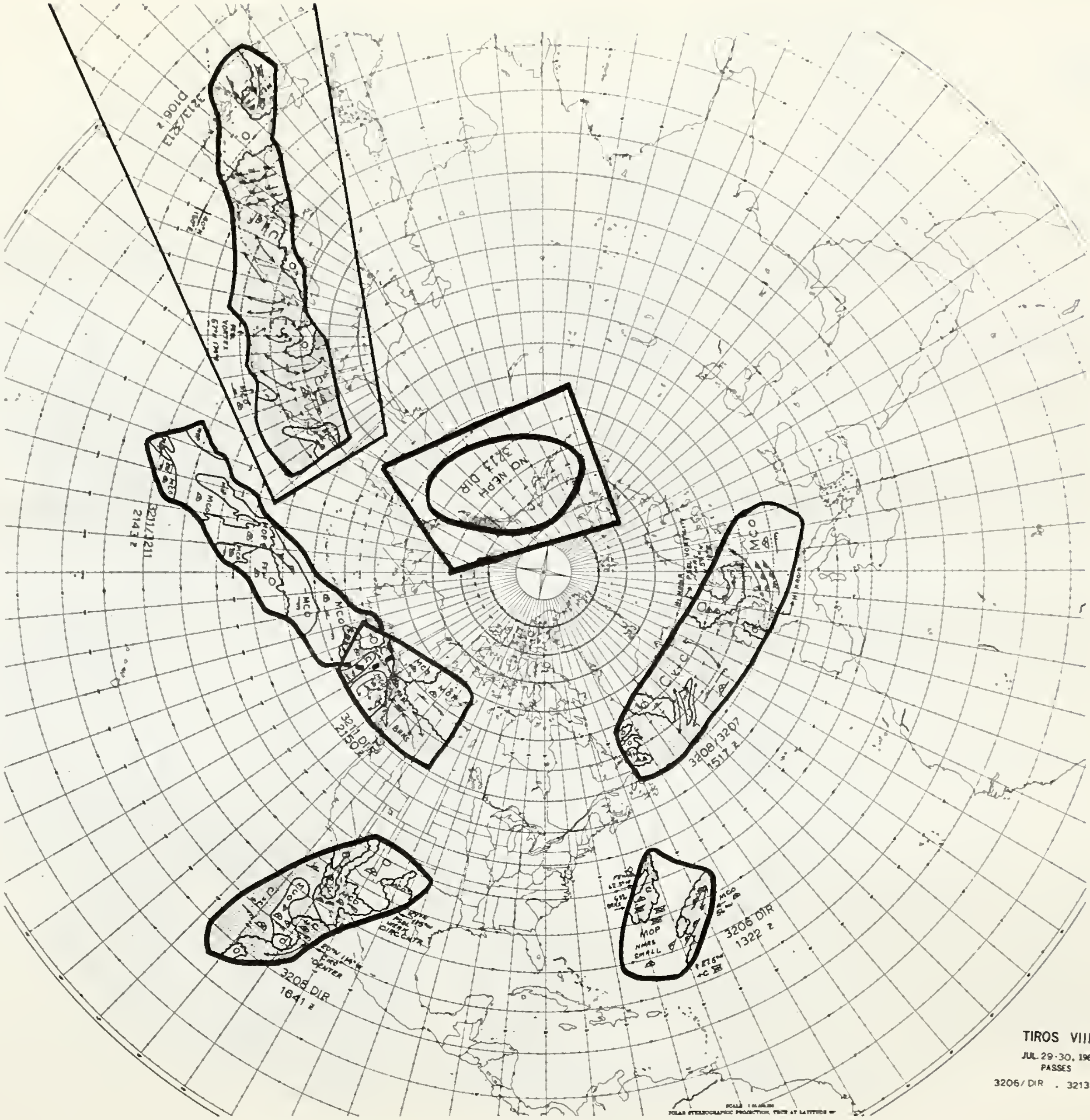

NO NEPH 3192/3191
3206/3199 0146 z
3198/3198 0011 z
3197/3197 2229 z
3198 DIR 0022 z
40°N 150°W
3197 DIR 2240 z
35°N 140°W
3196 DIR 2059 z
3196/3193 1550 z
3192 DIR 1412 z
MCO
MOP
SML
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII
JUL. 28-29, 1964
PASSES
3192/3191 . 3206 3199


2320z
3183 & 3183
FRONT
VORTICITY MAX
MOP
MCO
T/S GRACE
0057z
3184 & 3184
MOP 53°N
TRANSVERSE WAVES
2144z
3182 & 3182
DISTURBED AREA
18N 175E
2150z
3182 DIR 5
MCO
MOP
CELLULAR
1821z
3180 DIR
0112z
3184 DIR
1639z
3180 & 3179
1502z
3178 DIR
1320z
3178 & 3177
MOP
MCO

TIROS VIII
JUL. 27-28 1964
PASSES
3178 3177 . 3184 DIR

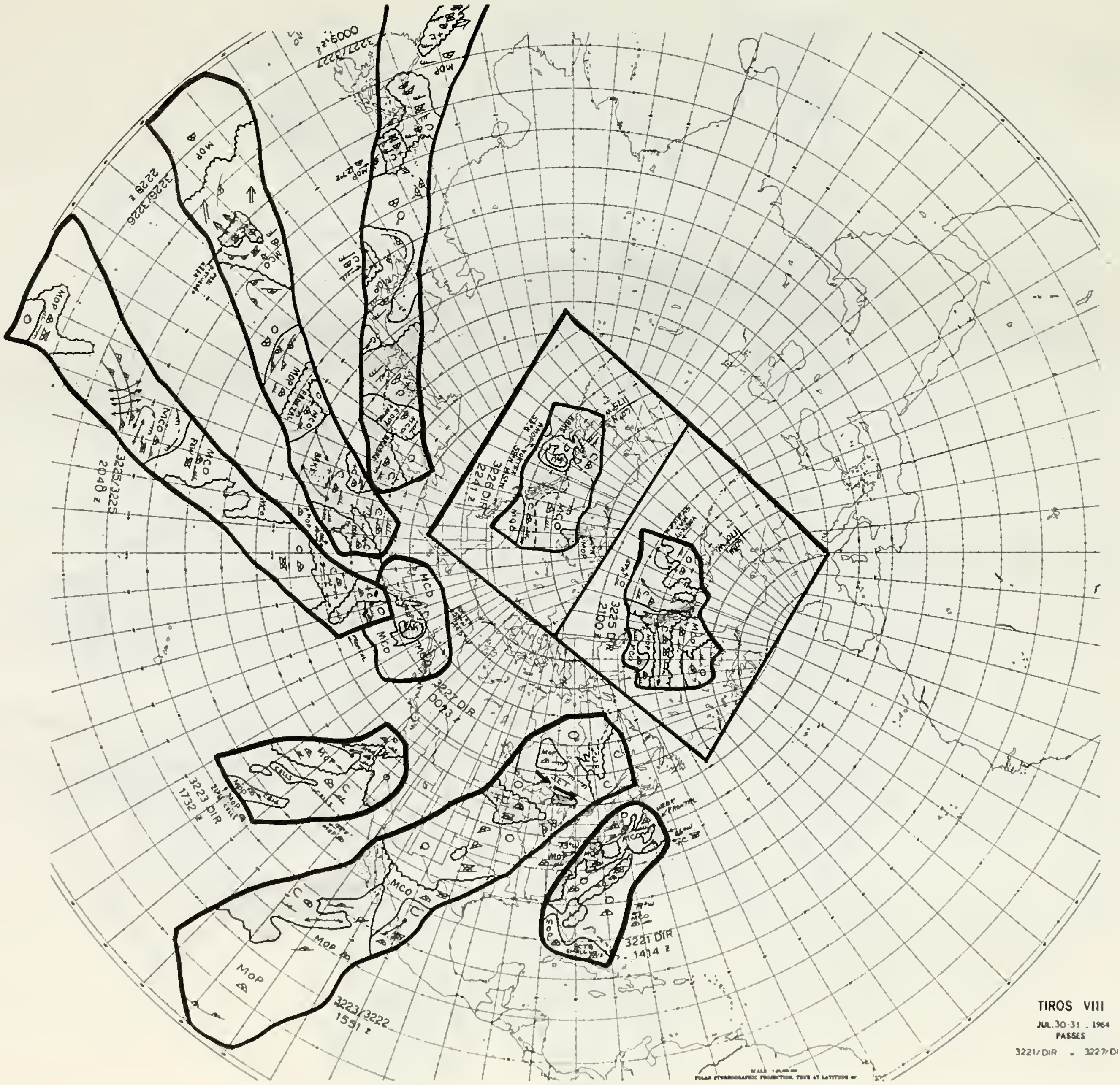

TIROS VIII
JUL. 28-29, 1964
PASSES
3192/3191 - 3206 3199
NO NEPH
3192/3191
3206/3199
0146 z
3198/3198
0011 z
3197/3197
2229 z
3198 DIR
0022 z
3197 DIR
2240 z
3196 DIR
2059 z
3196/3193
1550 z
3192 DIR
1412 z
40°N
150°W
35°N
140°W
MCO
MOP
SML


3213/3213
D106 z
NO NEPH
3213 DIR
3211/3211
2143 z
3211 DIR
2150 z
3208/3207
1517 z
3206 DIR
1322 z
3208 DIR
1641 z
MCO
MOP
BRK
PBL VORTEX
67N 174W
CENTER
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

JUL. 29-30, 1964
PASSES

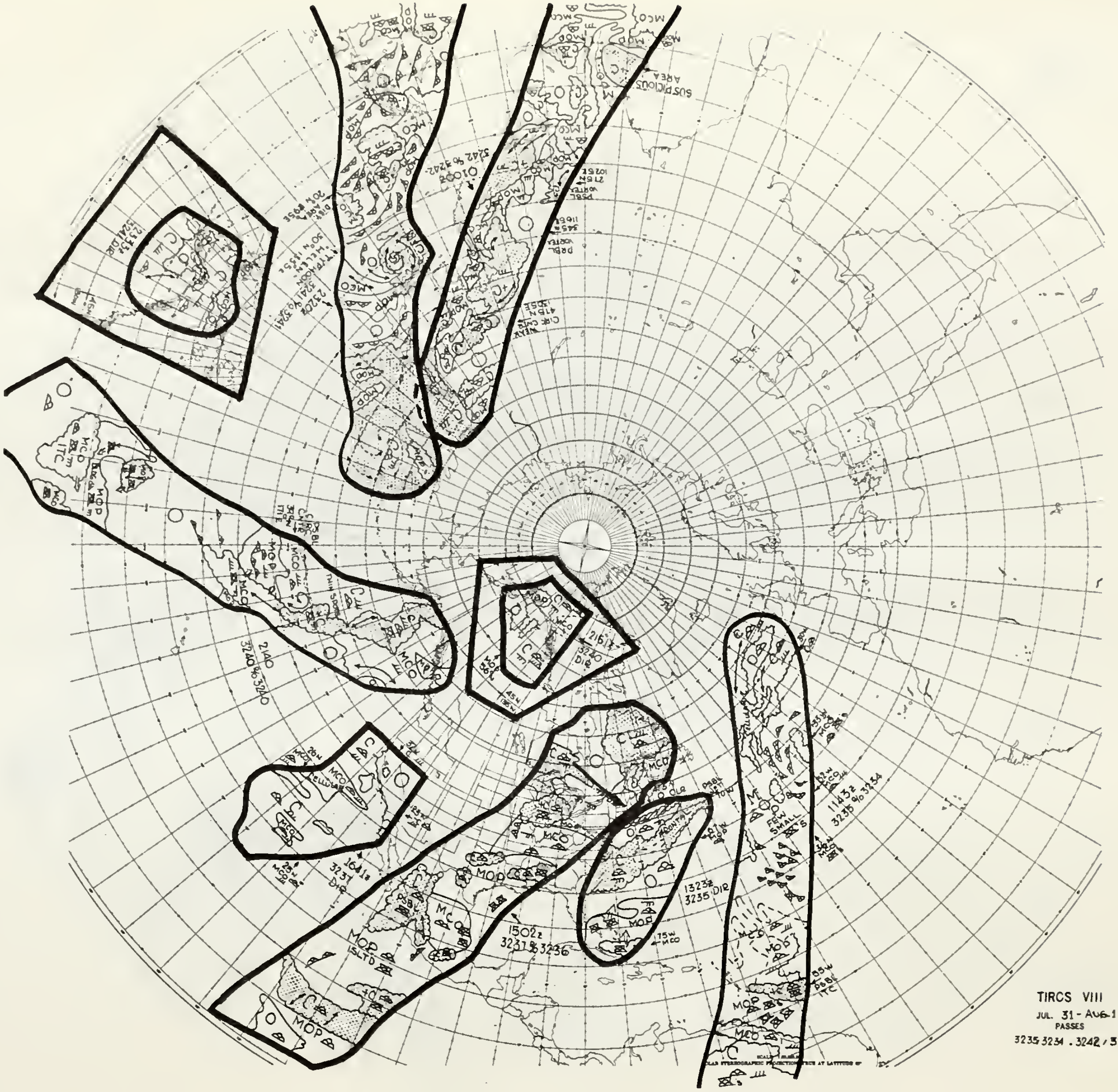
3206/DIR . 3213/3213


3227/3227
0009 z
3226/3226
2228 z
3225/3225
2048 z
3226 DIR
2241 z
3225 DIR
2100 z
3227 DIR
0023 z
3223 DIR
1732 z
3223/3222
1551 z
3221 DIR
1414 z
MOP
MCO
FEW
FRONTAL

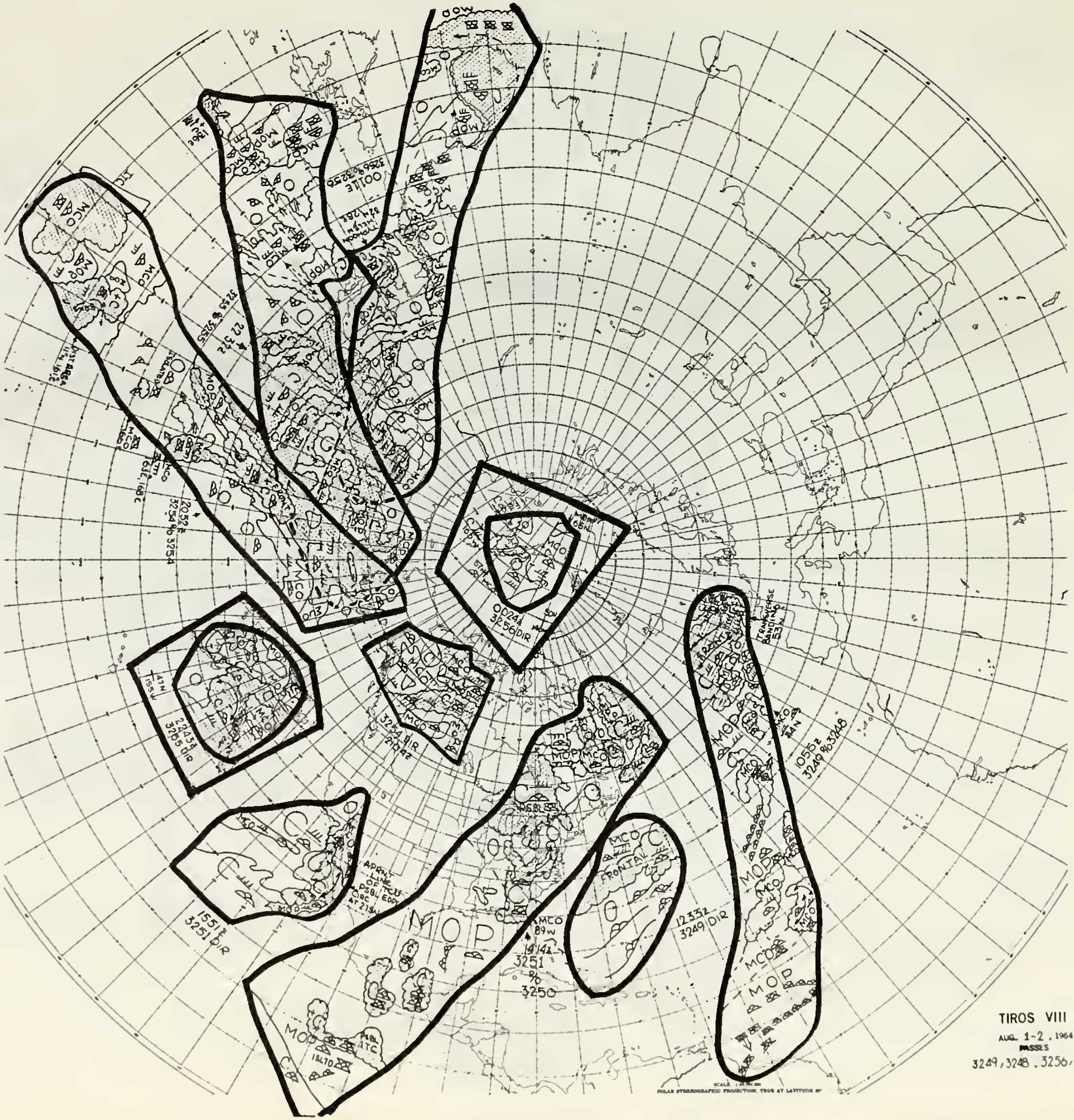
TIROS VIII

JUL. 30-31, 1964
PASSES

3221/DIR . 3227/DIR


SUSPICIOUS AREA
MCO
MOP
PRBL VORTEX
WEAK CIRC CNTR 41.5N 130.5E
2001Z 3242 to 3242
TYPHOON HELEN 30°N 135°E
2320z 3241 to 3241
2333z 3241 DIR
ITC
THIN SPOTS
2140 3240 to 3240
2161z 3240 DIR
1641z 3237 DIR
1502z 3231 to 3236
1323z 3235 DIR
1143z 3235 to 3234
FEW SMALL
ISLTD

TIRCS VIII
JUL. 31 - AUG. 1 1964
PASSES
3235 3234 . 3242 / 3242

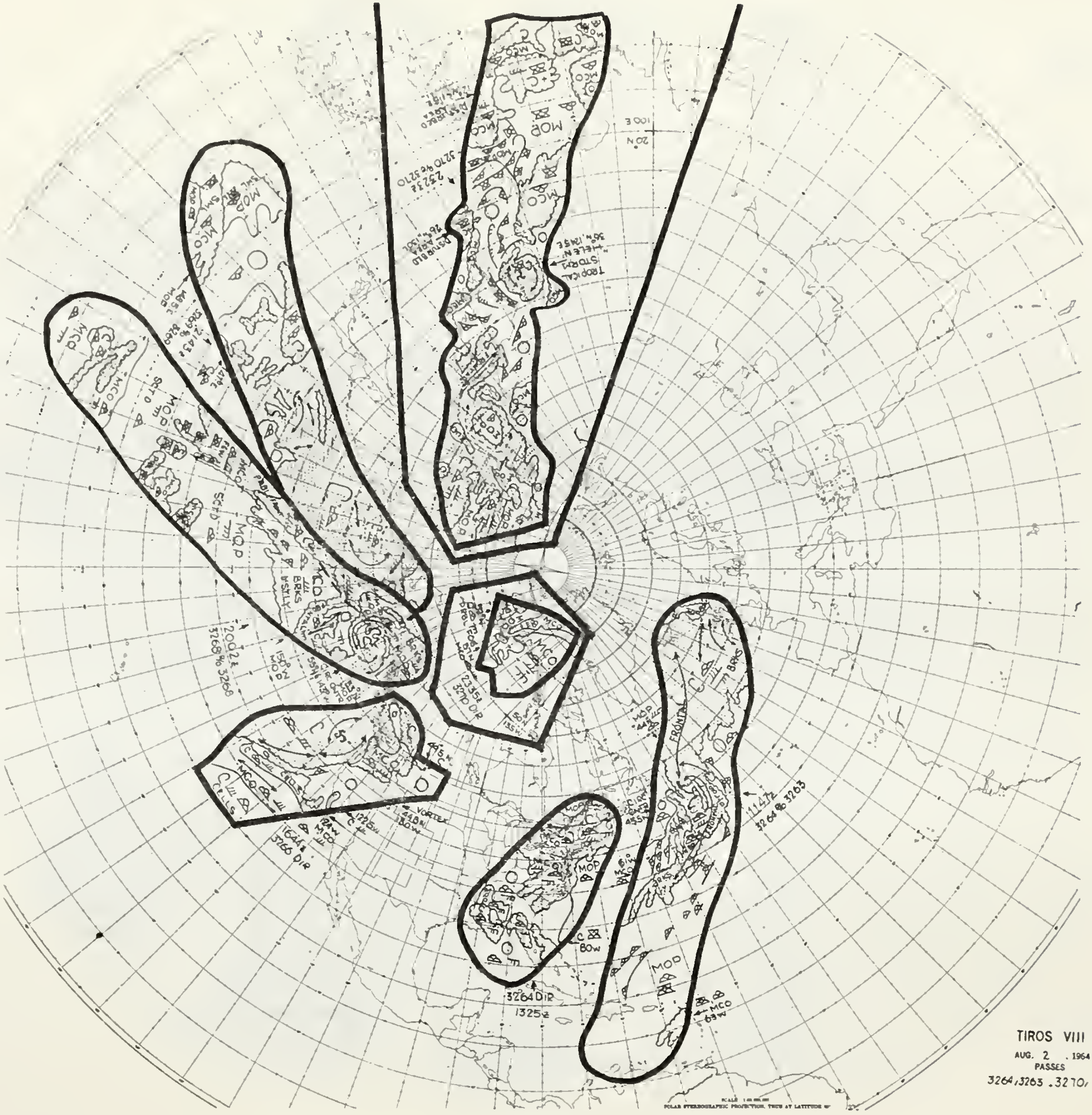

1233Z
3249 DIR
1055Z
3249 to 3248
TRANSVERSE BANDING 53N
FRONTAL
MCO
MOP
1914Z
3251
to
3250
1551Z
3251 DIR
APPNT LINE OF TCU'S PSBL EDDY CIRC AT 21N
ITC
0024Z
3256 DIR
2243Z
3255 DIR
47N
155W
2052Z
3254 to 3254
22 32Z
3255 to 3255
0011Z
3256 to 3256
DIST AREA 11N 161E
ISOLATED
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

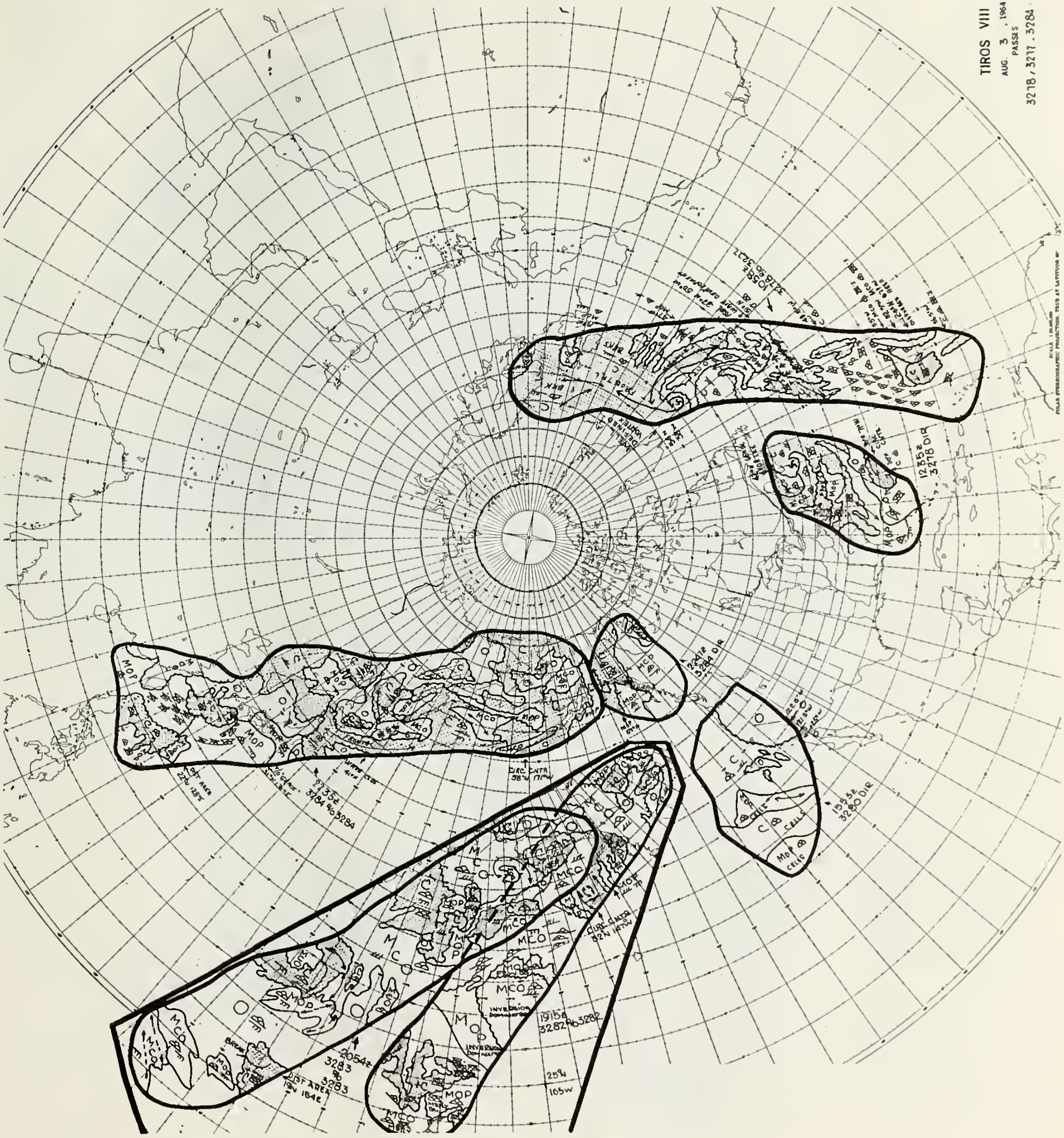
AUG. 1-2, 1964

PASSES

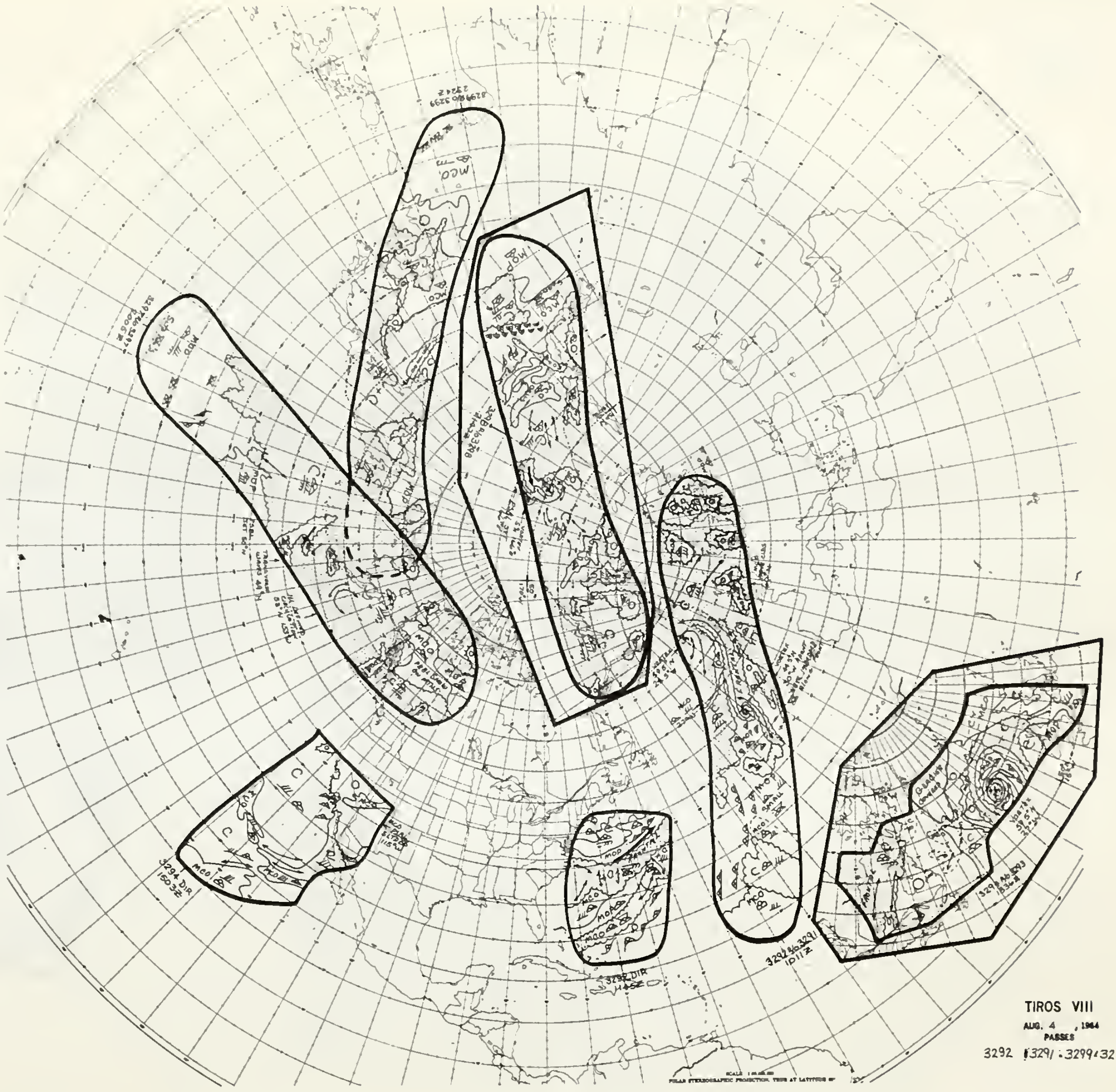
3249, 3248, 3256/DIR


TROPICAL STORM "HELEN"
20°N
100°E
2323Z
3270
2143Z
2002Z
3268
2335Z
3270 DIR
1644Z
3266 DIR
VORTEX
FRONTAL
1141Z
3264 & 3263
3264 DIR
1325Z
MOP
MCO
MQP
SCTD
BRKS
CELLS
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

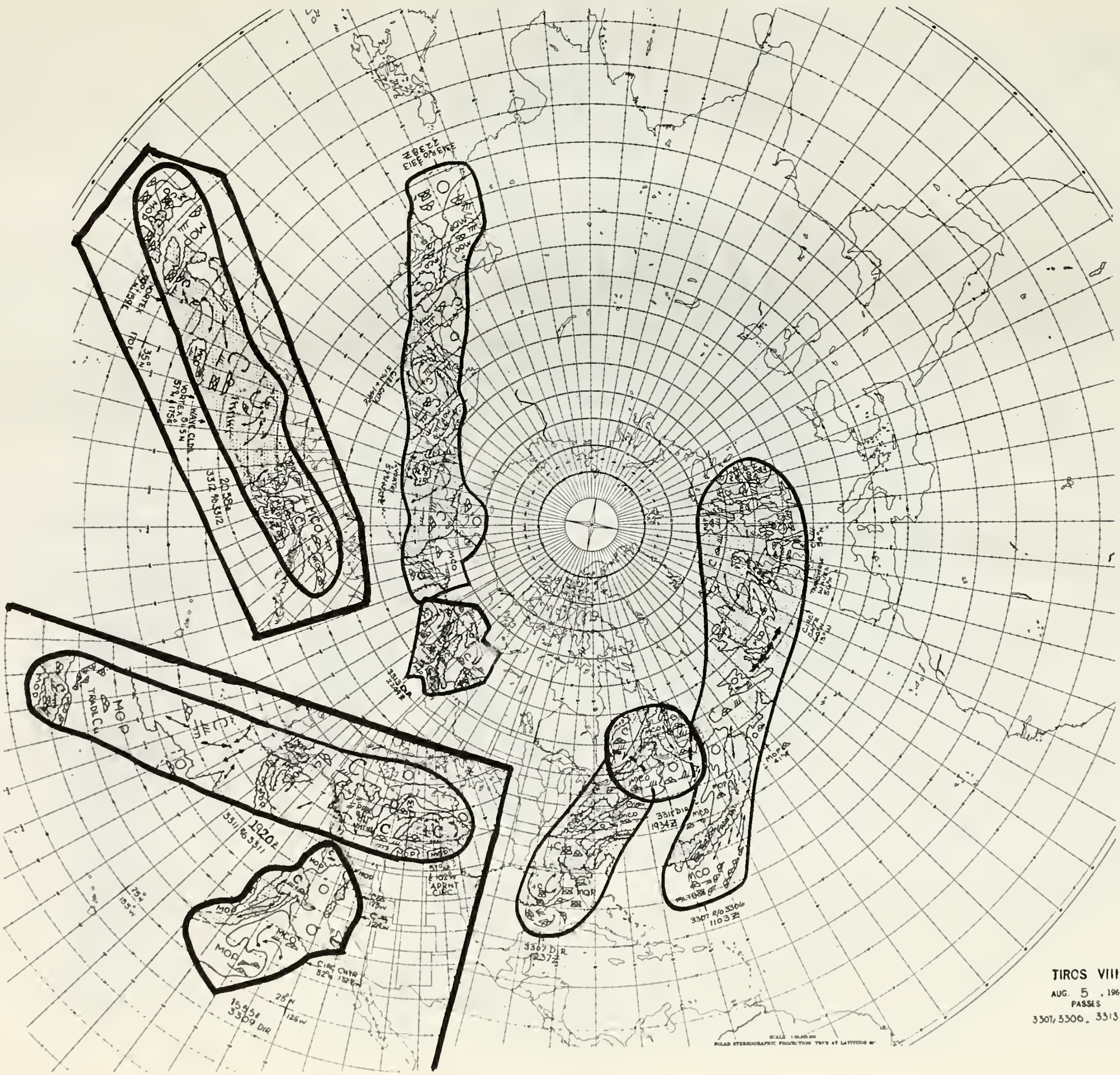
TIROS VIII
AUG. 2 . 1964
PASSES
3264,3263 .3270, DIR


1235Z
3278 DIR
1935Z
3280 DIR
1915Z
3282 to 3282
2054Z
3283
to
3283
2735Z
3284 to 3284
CIRC CNTR
52N 141W
25°N
165W
MCO
MOP
INVERSION DOMINATES

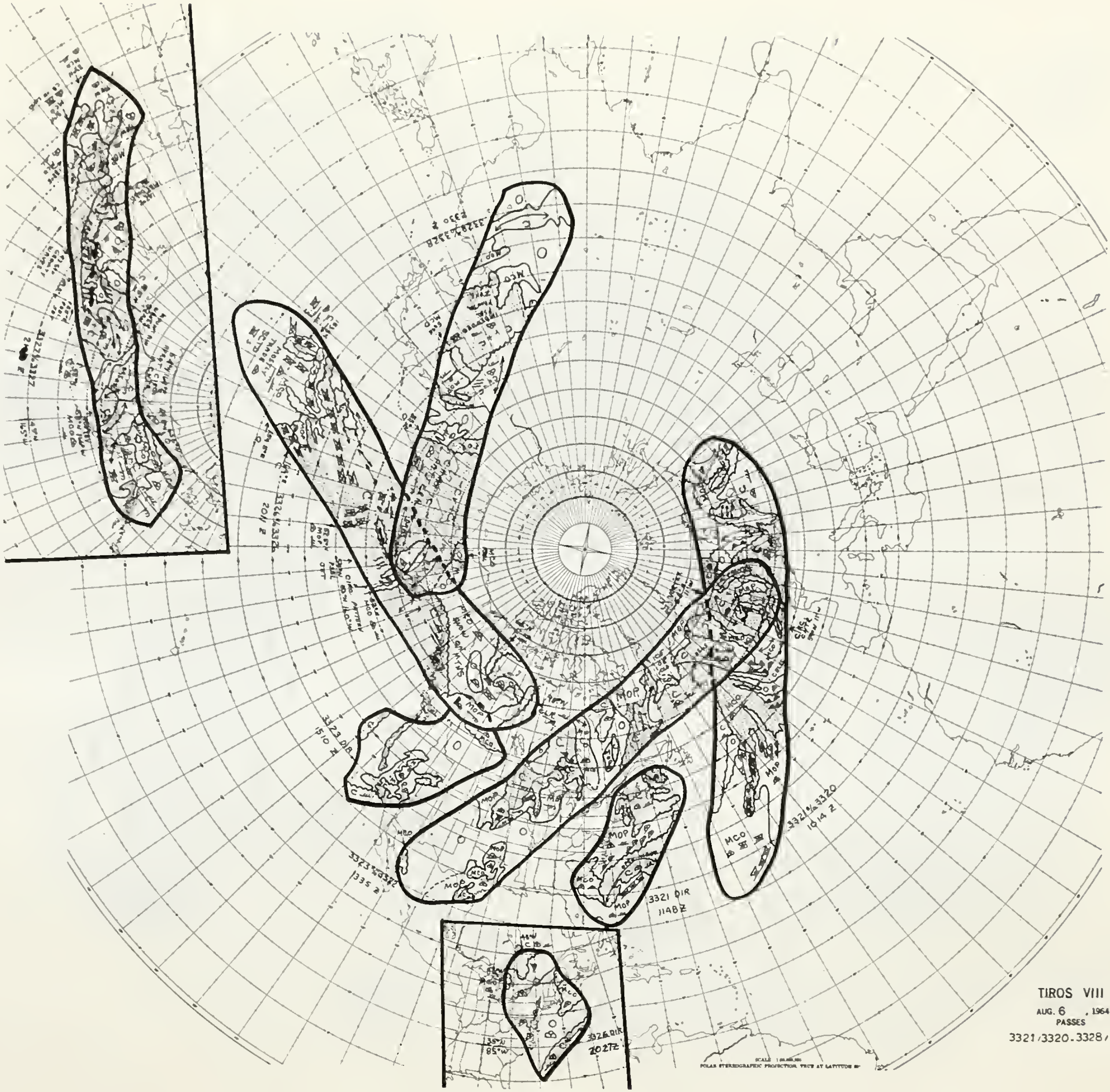
TIROS VIII
AUG. 3, 1964
PASSES
3278, 3277, 3284 DIR


3298 to 3299
2324Z
3297 to 3297
2005Z
MCO
MOP
3294 DIR
1503Z
3292 DIR
1145Z
3290 to 3291
1011Z
C
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

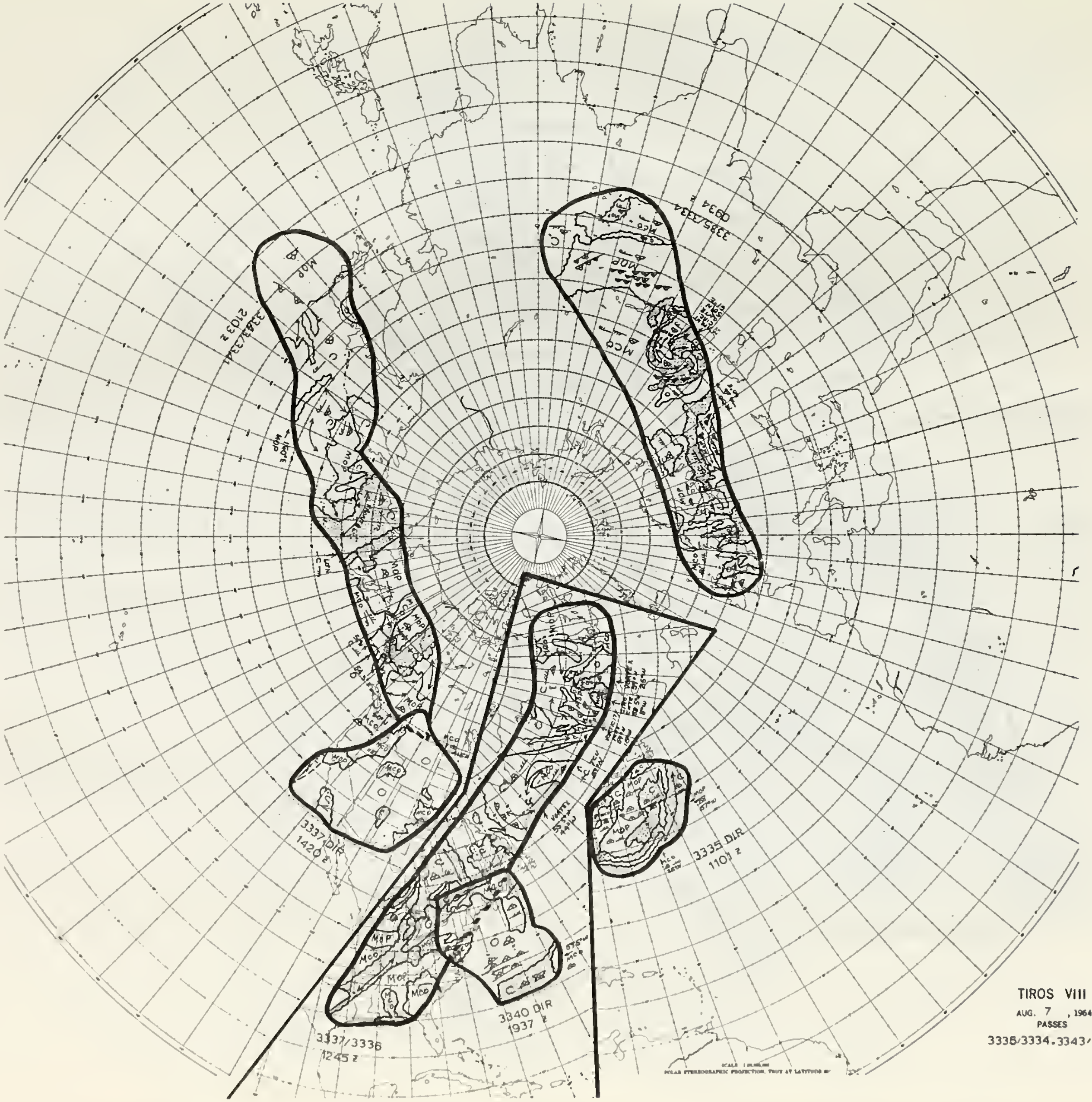
TIROS VIII
AUG. 4 , 1964
PASSES
3292 ‡3291 - 3299 - 3299


VORTEX
39°N 159E
170E
35°N
VORTEX
57°N 175E
WAVE CLDS
54.5N
2058z
3312 to 3312
MCO
MOP
C
3311 to 3311
1920z
TRADE Cu
MOP
51°N
102°W
APRNT
CIRC
CIRC CNTR
52°N 132°W
28°N
126W
1545z
3309 DIR
3307 DIR
1237Z
3315 DIR
1934Z
MCO
3307 R/O 3306
1103Z
MOP
41°N

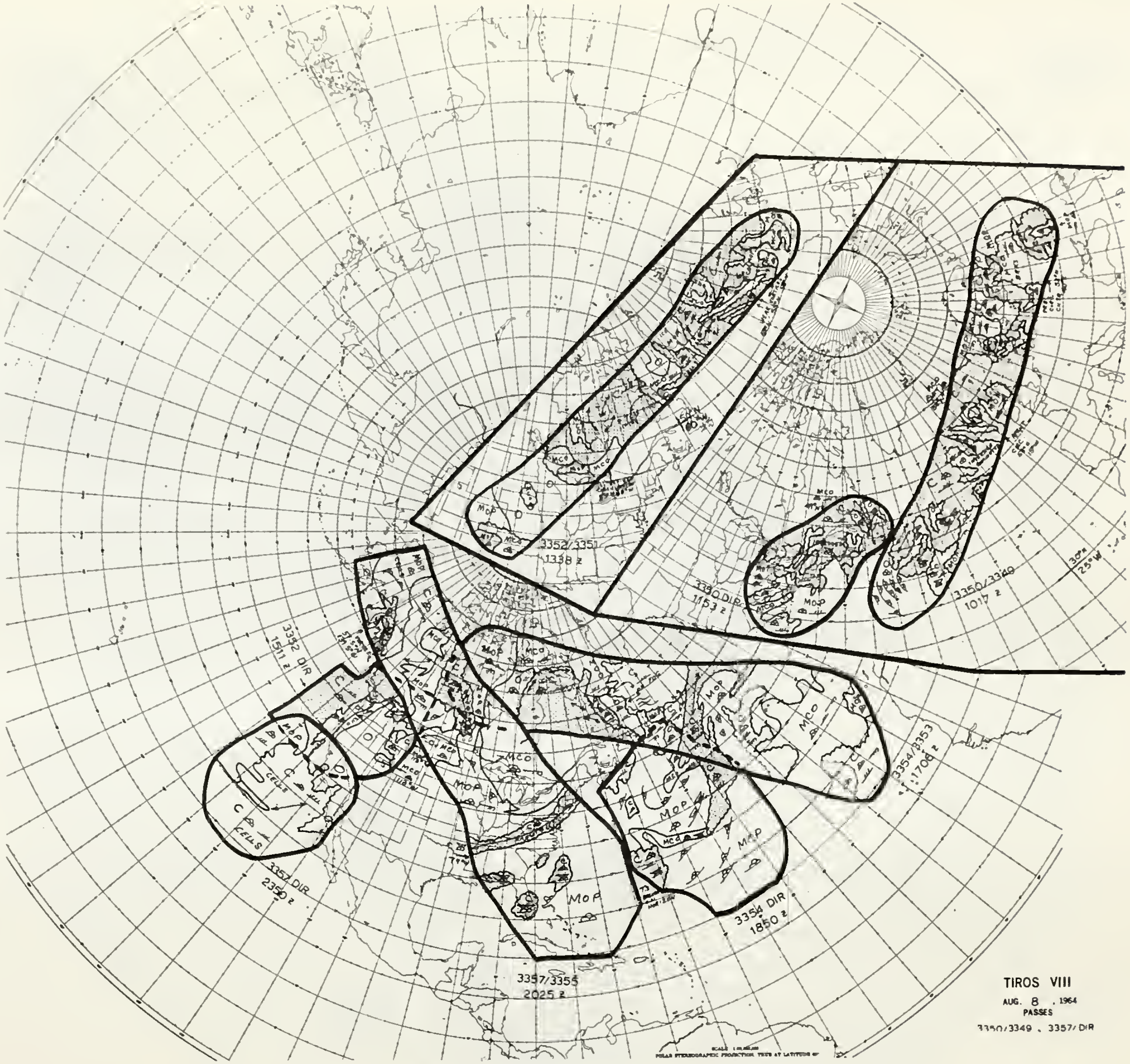
TIROS VIII
AUG. 5, 1964
PASSES
3301,3300, 3313, DIR


3321 DIR
1148Z
3326 DIR
2027Z
3321/3320
1014 Z
3323 DIR
1510 Z
3323/3322
1335 Z
35°N
85°W
MOP
MCO

TIROS VIII
AUG. 6 , 1964
PASSES
3321/3320.3328/3328

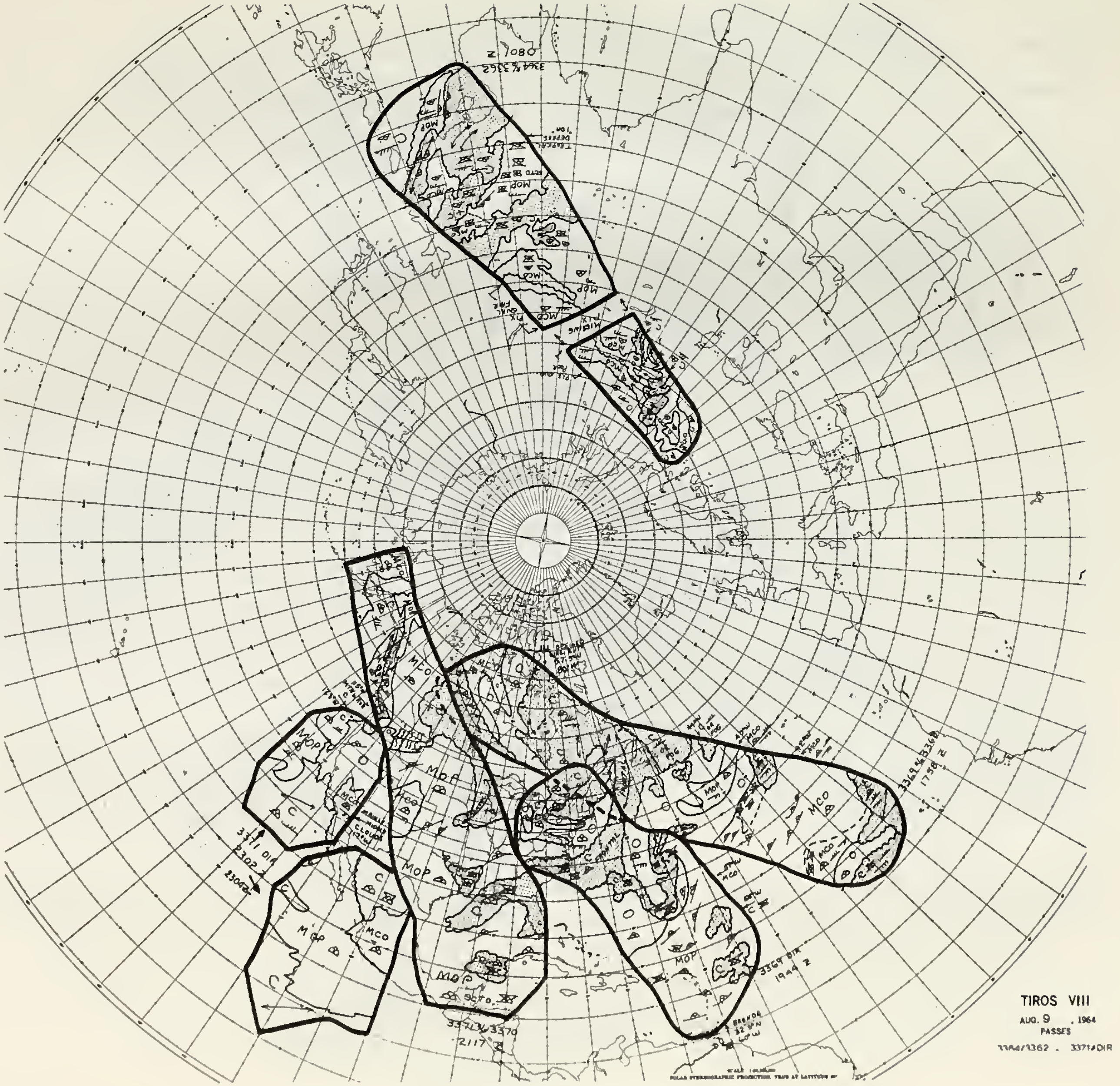

3335/3334
0934 z
3343/3341
2103 z
3337 DIR
1420 z
3335 DIR
1103 z
3340 DIR
1937 z
3337/3336
1245 z
MCO
MOP
C
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
AUG. 7, 1964
PASSES
3335/3334.3343/3341



3350/3349
1017 z
3350 DIR
1153 z
3352/3351
1338 z
3352 DIR
1511 z
3354/3353
1708 z
3354 DIR
1850 z
3357/3355
2025 z
3357 DIR
2350 z
30°N
25°W
MOP
MCO
C
CELLS
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
AUG. 8, 1964
PASSES
3350/3349, 3357/DIR

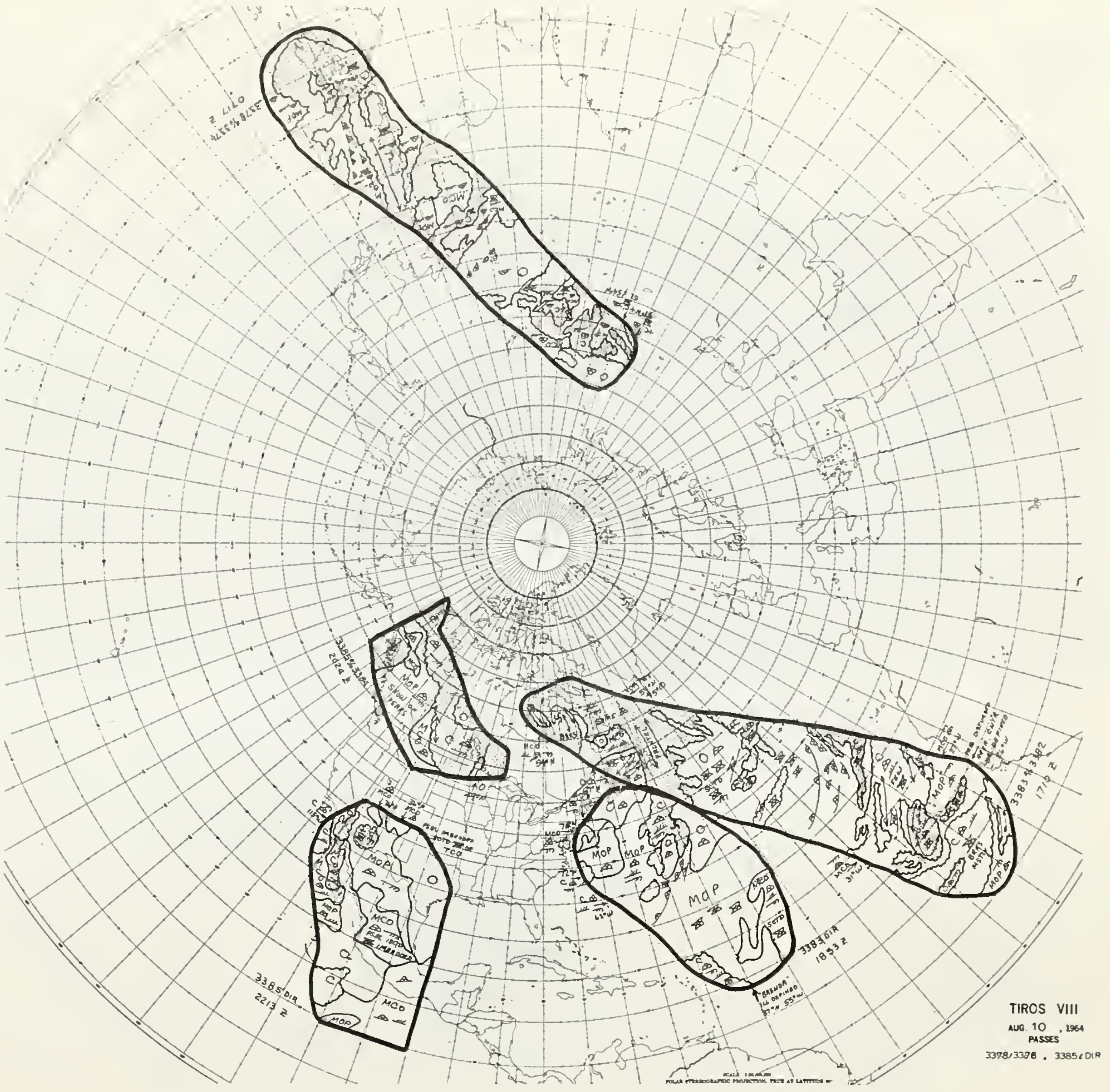

3364/3362
0801 Z
TROPICAL DEPRESS "IDA"
MISSING PIX
PIX QUAL FAIR
MOP
MCO
3369/3368
1758 Z
3369 DIR
1949 Z
BRENDA
32°N
60°W
3371/3370
2117 Z
3371 DIR
2302 Z
2304Z
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

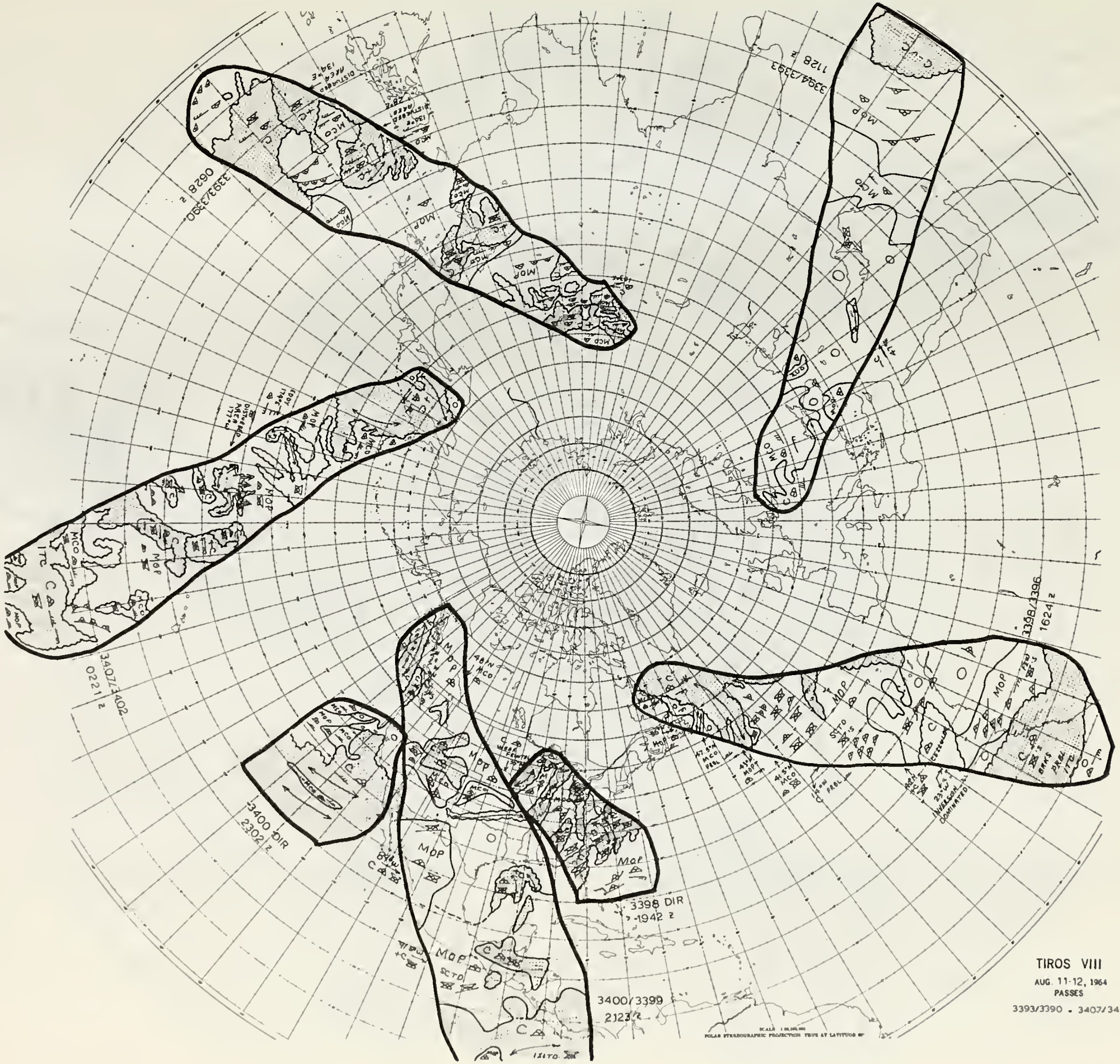
AUG. 9, 1964

PASSES

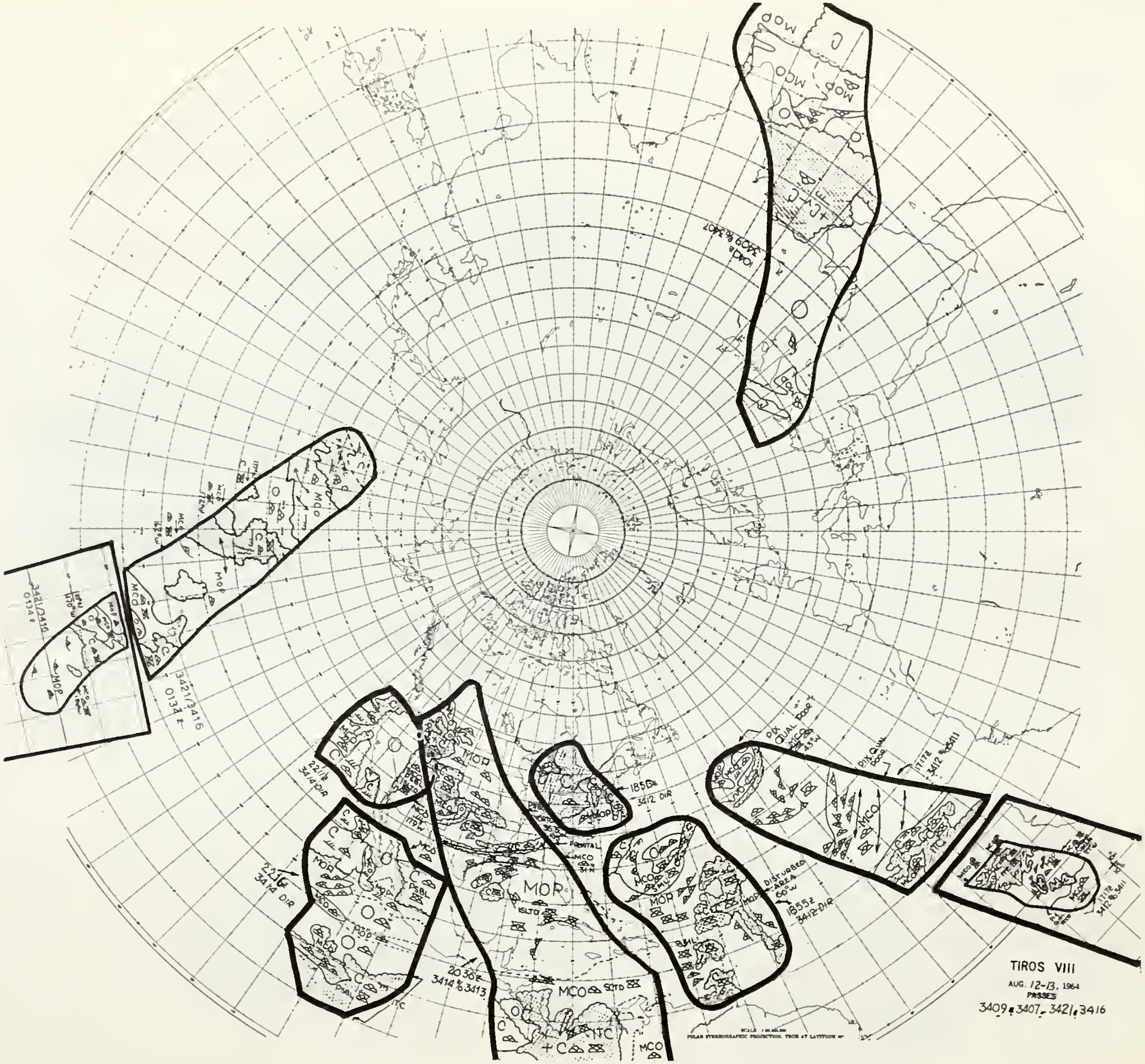
3364/3362 . 3371 DIR


3378/3377
0717 Z
MCO
MOP
3385/3384
2024 Z
MOP
YK SNOW ON PEAKS
MCO
3385 DIR
2213 Z
MOP
MCO
MCO
PERH IMBEDDED
TCO
MOP
MOP
MOP
MCO
FRONTAL
SCTD
3383 DIR
1853 Z
BRENDA
ILL DEFINED
37°N 55°W
MCO
31°W
BRKS MSTLY
MOP
3383 & 3382
1710 Z
SCALE 1:40,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
AUG. 10 , 1964
PASSES
3378/3376 . 3385/DIR


3394/3393
1128 z
3393/3390
0628 z
3407/3402
0221 z
3398/3396
1624 z
3400 DIR
2302 z
3398 DIR
-1942 z
3400/3399
2123 z
DISTURBED AREA 134°E
DISTURBED AREA 177°W
EDDY 170°E
MOP
MCO
ITC
C
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

TIROS VIII
AUG. 11-12, 1964
PASSES
3393/3390 - 3407/3402



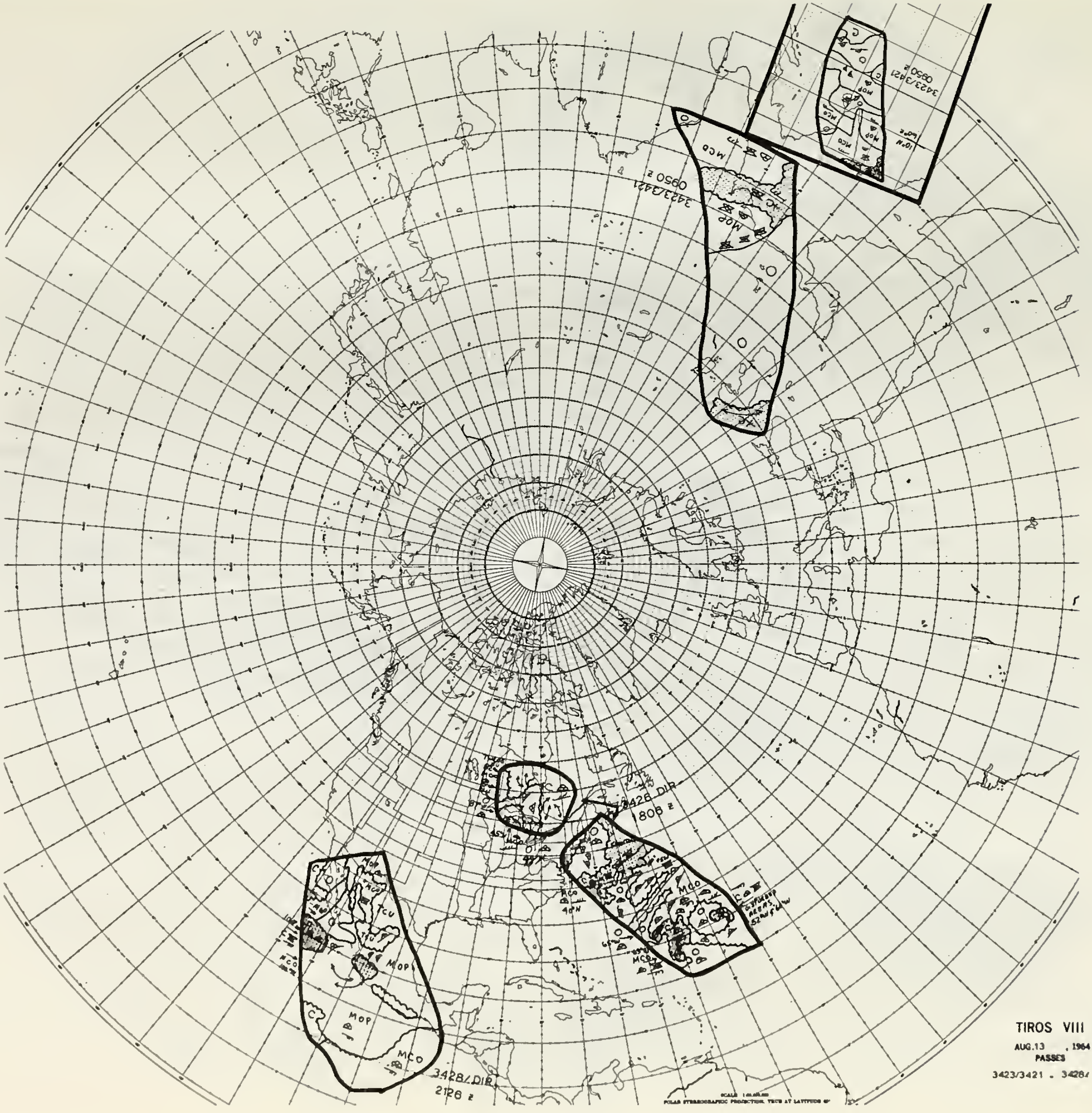
TIROS VIII

AUG. 12-13, 1964

PASSES

3409, 3407, 3421, 3416

0402
3409 & 3407
MOP
MCO
C
O
+C
3421/3416
0134 Z
MCO
MOP
171°W
162°W
170°W
22/1Z
3414 DIR
22/16
3414 DIR
20 30Z
3414 & 3413
MOR
MCO
SCTD
ITC
+C
FRONTAL
MCO
31°N
1850Z
3412 DIR
MOR
SML
DISTURBED AREA
60°W
1855Z
3412 DIR
PIX QUAL POOR
MCO
43°W
PIX QUAL POOR
1717Z
3412 & 3411
ITC
SCALE
POLAR STEREOGRAPHIC PROJECTION. TRUE AT LATITUDE 60°

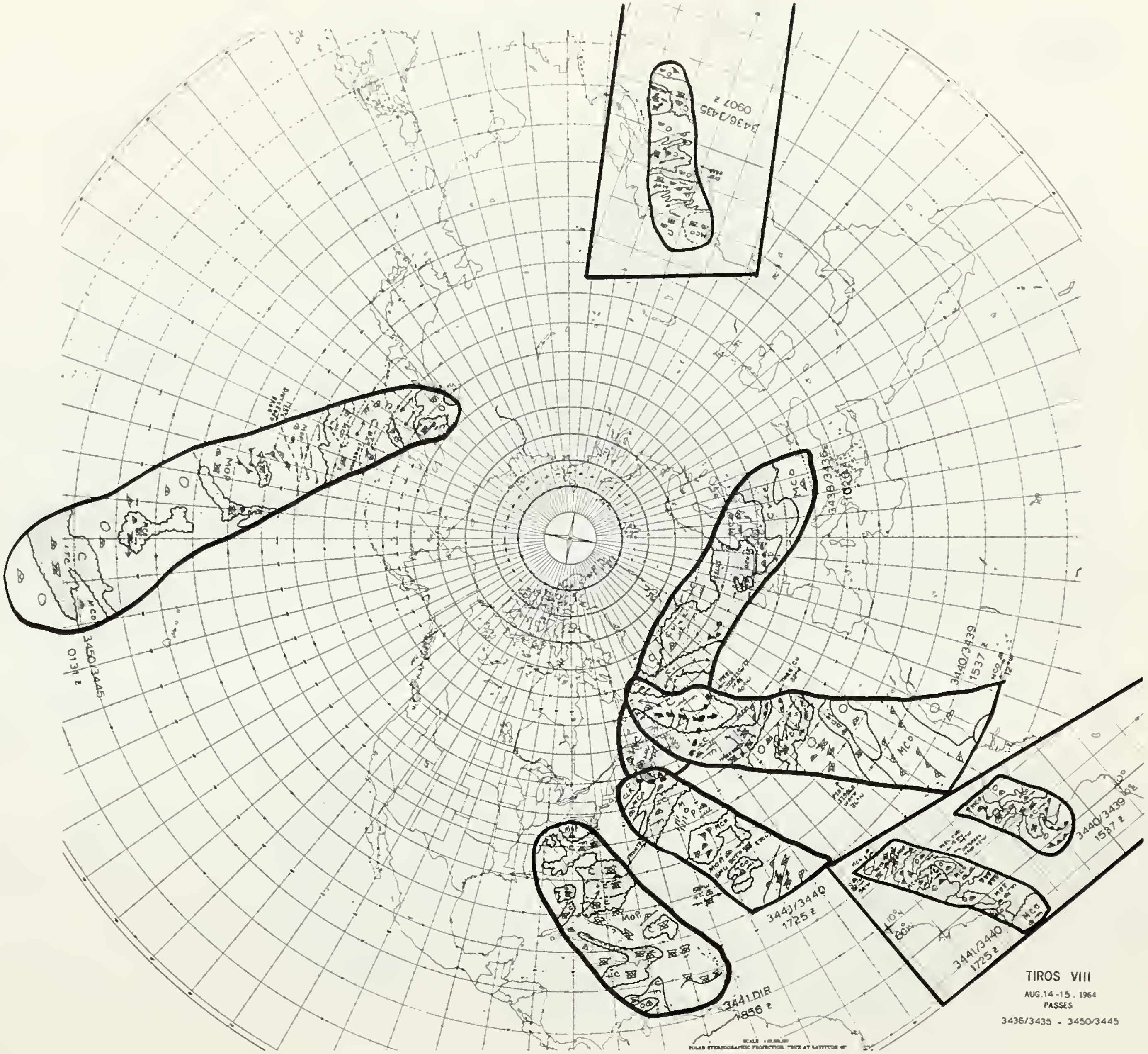

3423/3421
0950 z
MCD
MOP
3428/DIR
1808 z
MCO
40°N
3428/DIR
2128 z
TCU
MOP
MCO
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

AUG.13 , 1964

PASSES

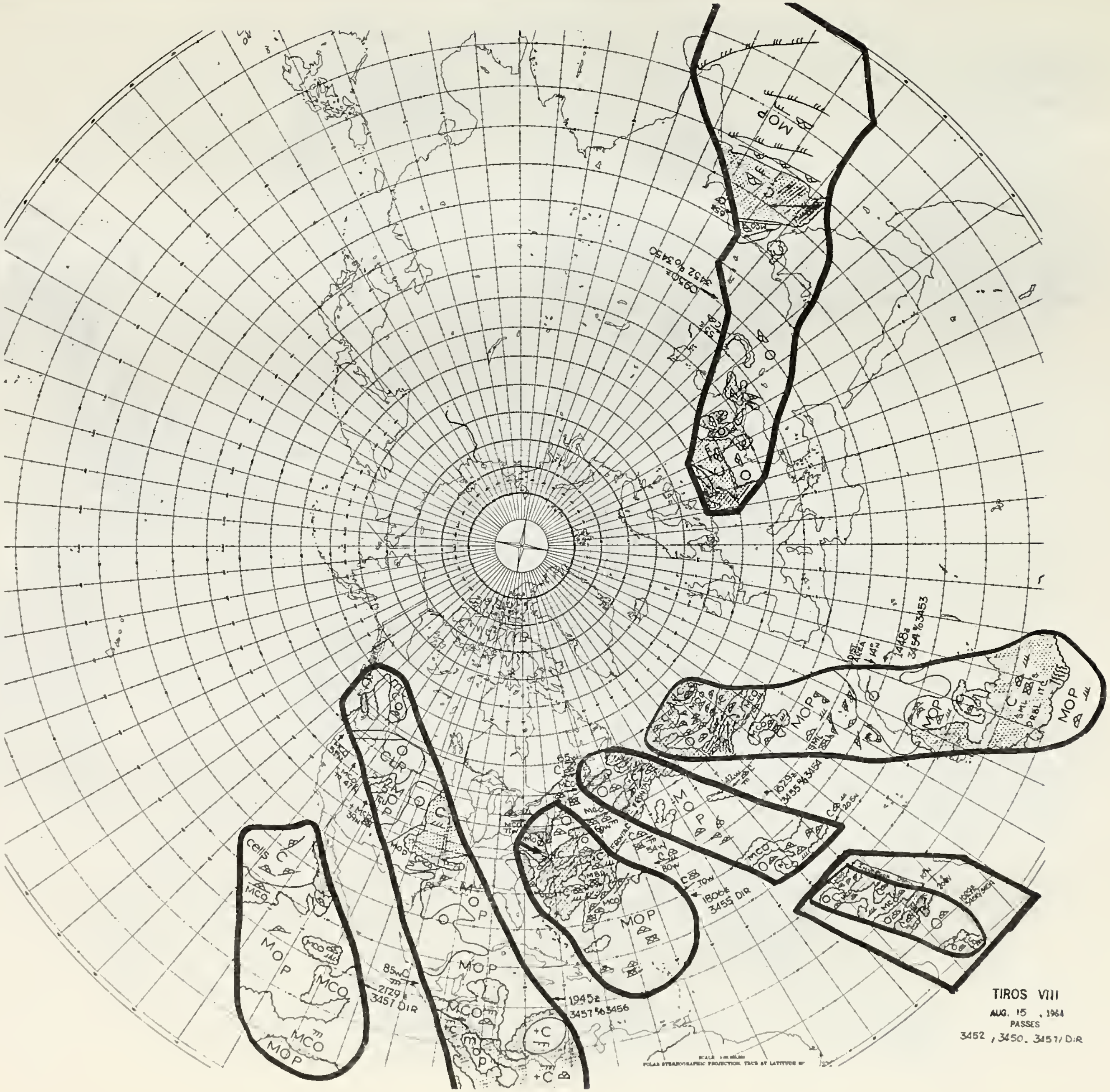
3423/3421 . 3428/DIR


3436/3435
0907 z
3438/3436
1026 z
3440/3439
1537 z
3440/3439
1537 z
3441/3440
1725 z
3441/3440
1725 z
3441 DIR
1856 z
3450/3445
0131 z
MCO
MOP
C
ITC
10°N
60°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

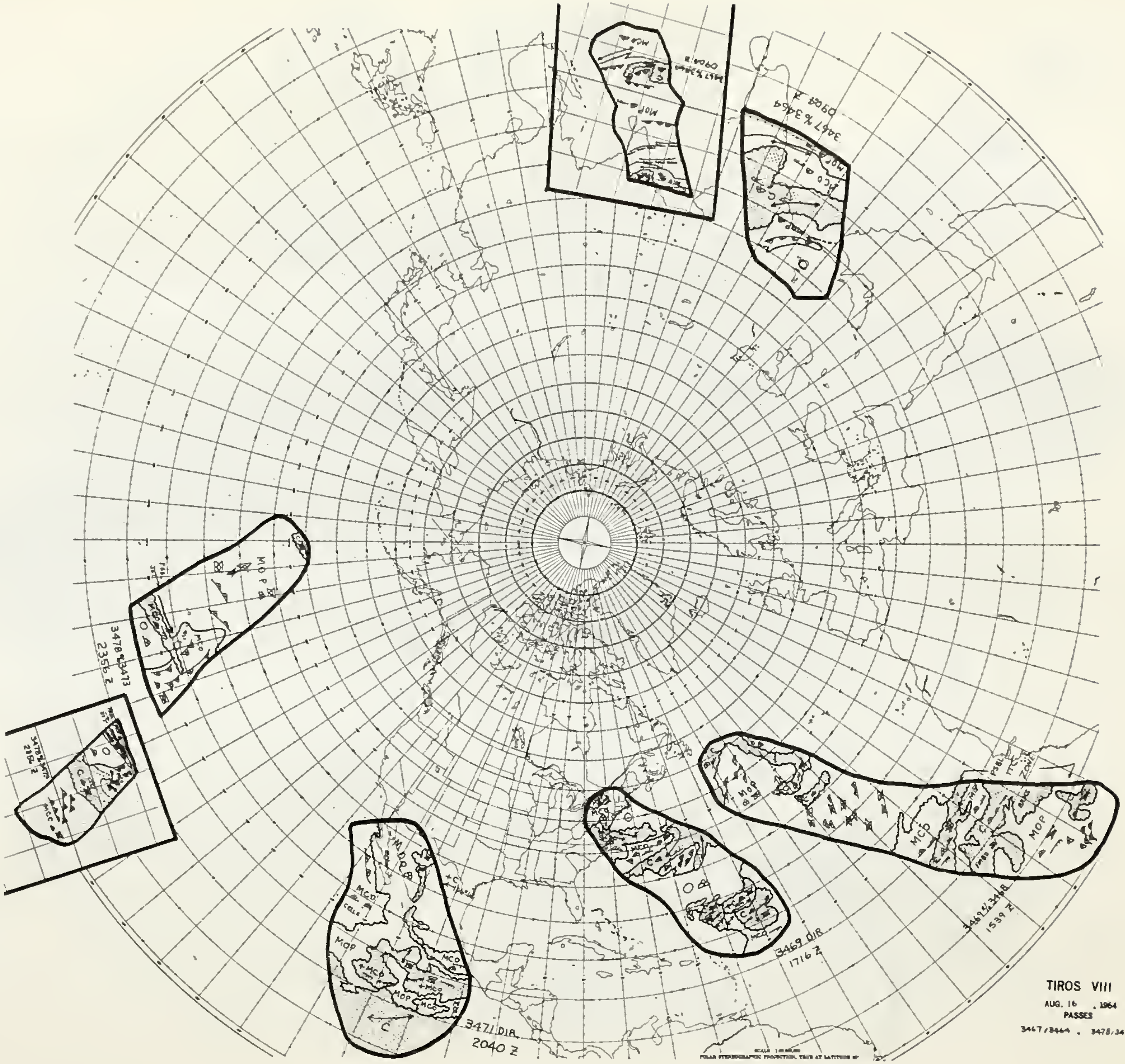
AUG.14-15, 1964
PASSES

3436/3435 - 3450/3445



MOP
C
MCO
0930z
3452 to 3450
C 53E
65
1448z
3454 to 3453
DIST AREA
14N
MOP
SML
DRBL ITC
MCO
1629z
3455 to 3454
42W
C 20.5N
1806z
3455 DIR
C 70W
C 80W
54W
MOP
MCO
CLR
MOP
1945z
3457 to 3456
+C
F
85wC
2129z
3457 DIR
cells C
MCO
MOP

TIROS VIII
AUG. 15, 1964
PASSES
3452, 3450, 3457/DIR



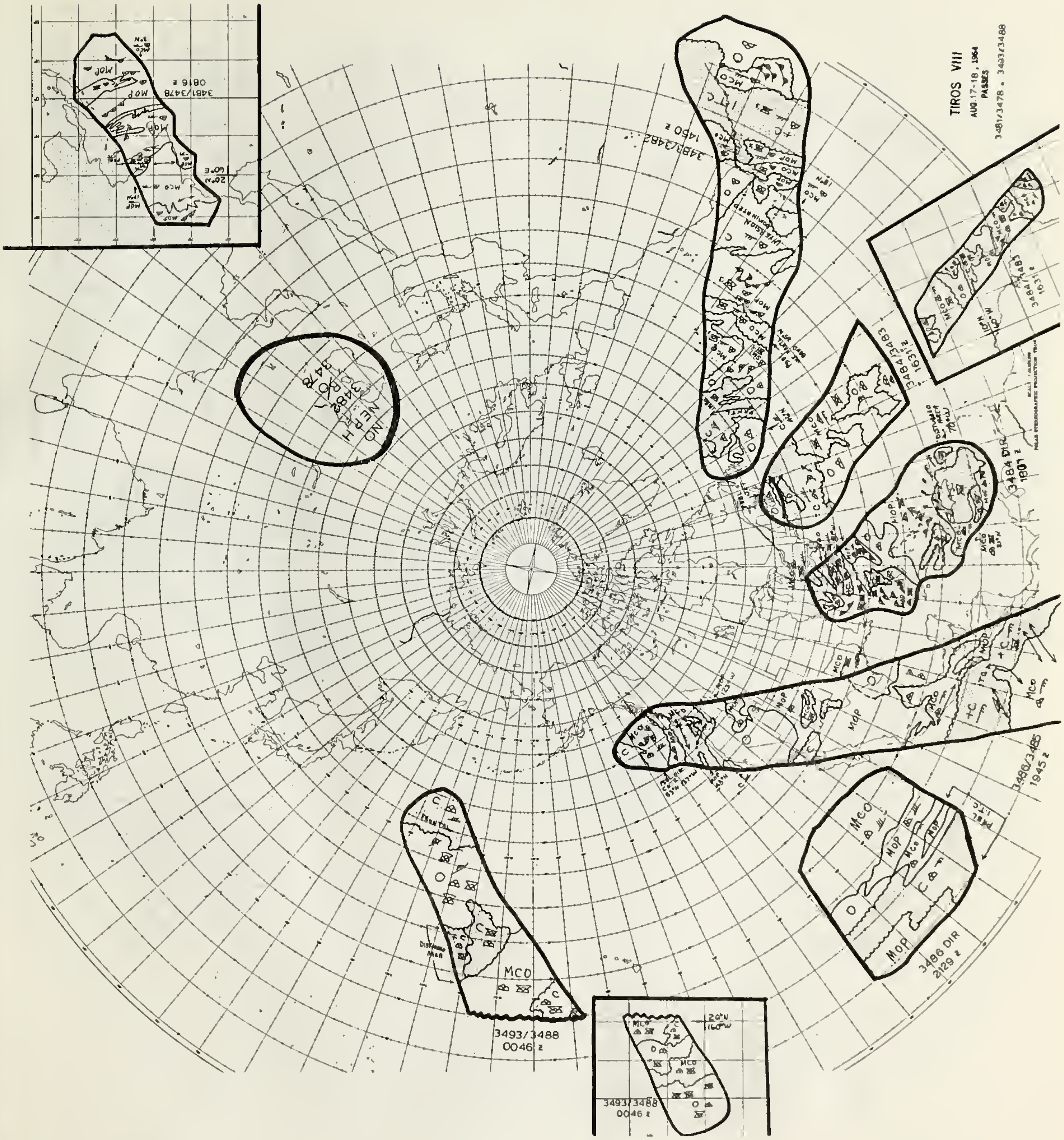
3467 & 3464
0904 Z
MOP
MCO
C
O
3478 & 3473
2356 Z
PSBL ITC
3471 DIR.
2040 Z
MCO
CELLS
MOP
+MCO
C
+C
3469 DIR
1716 Z
3462 & 3468
1539 Z
PSBL ITC ZONE
MCO
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

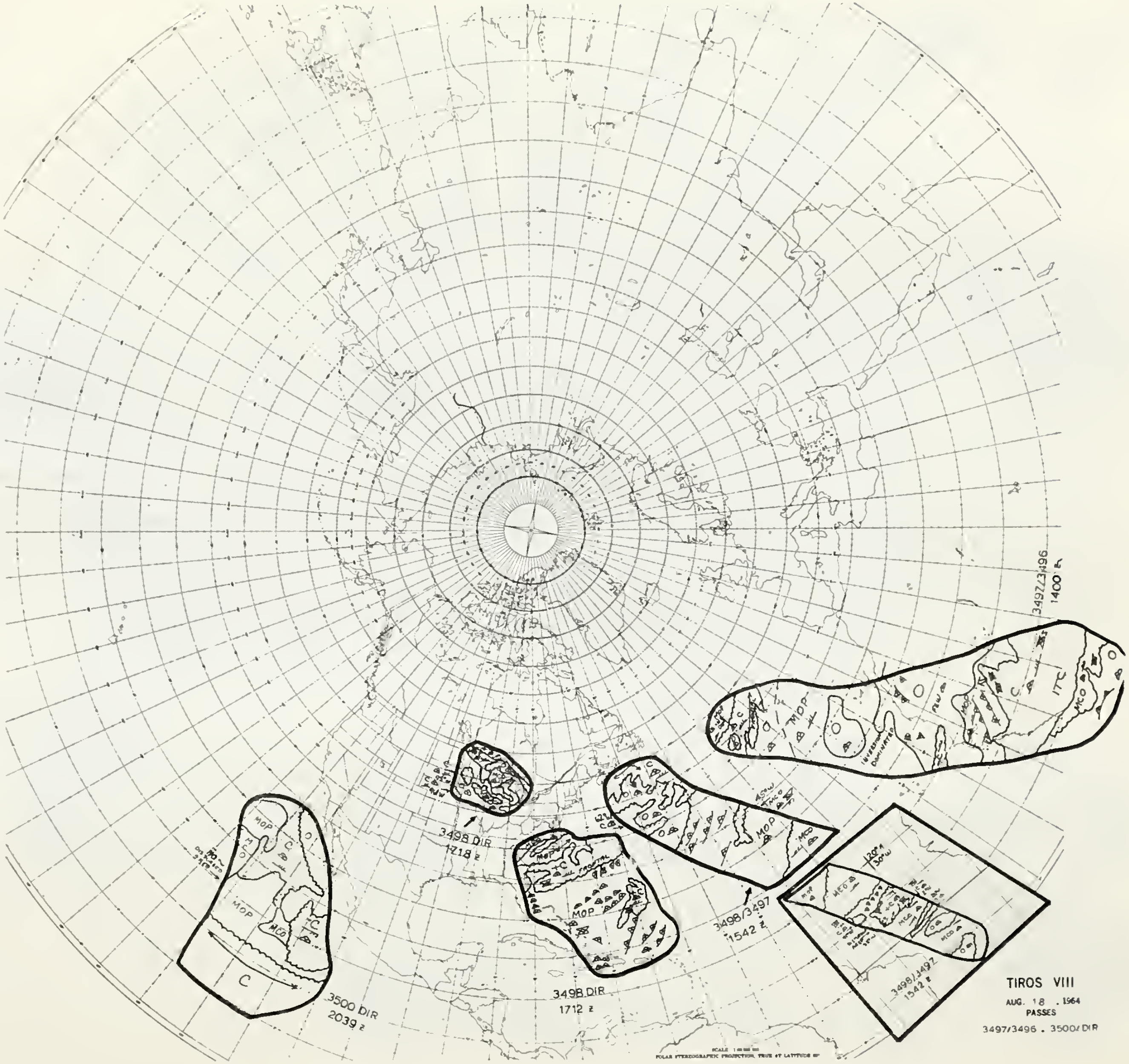
TIROS VIII

AUG. 16 , 1964

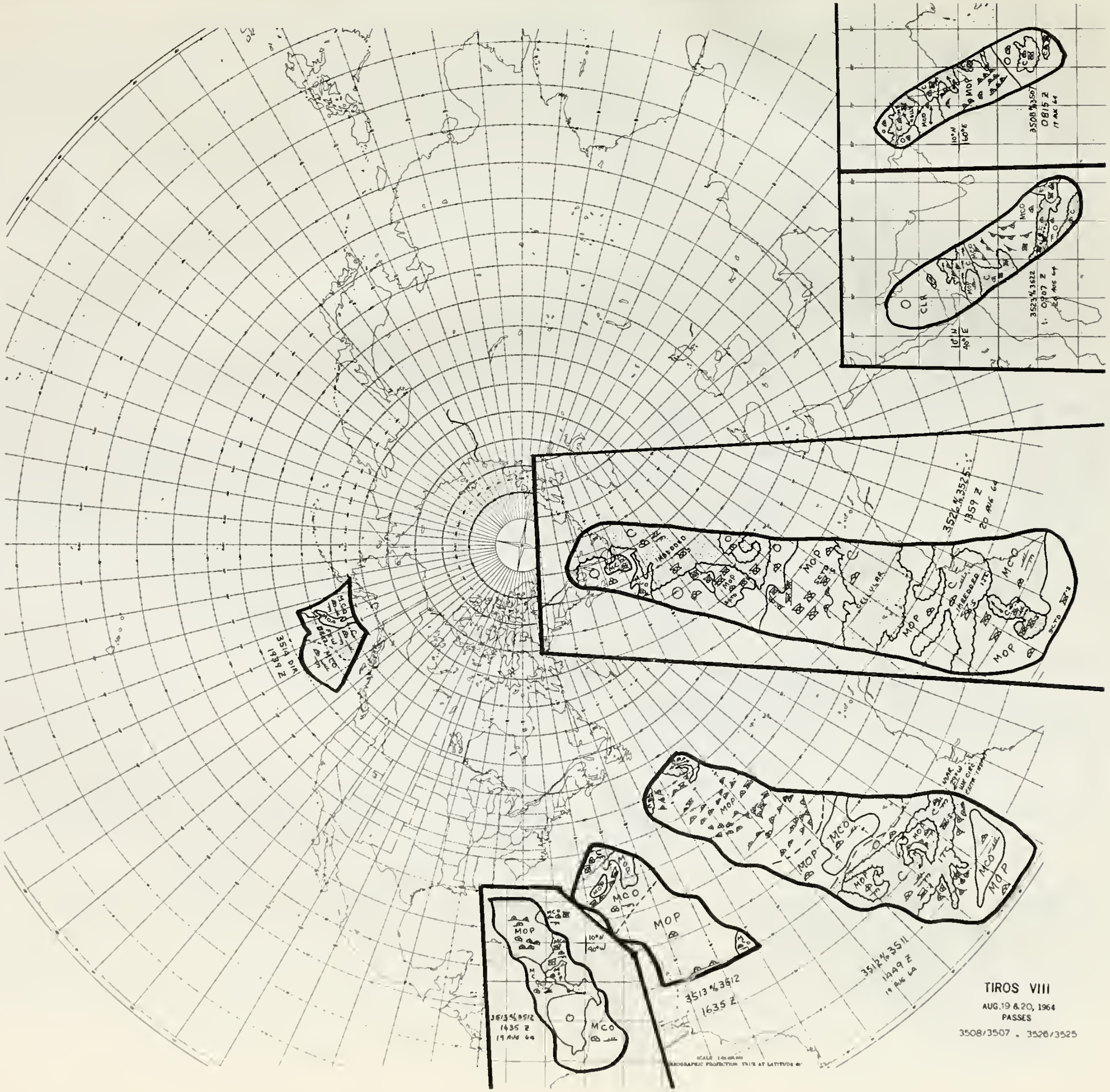
PASSES

3467/3464 . 3478/3473

TIROS VIII
AUG.17-18, 1964
PASSES
3481/3478 . 3493/3488
3481/3478
0816 z
3488/3482
1450 z
3484/3483
1631 z
3484 DIR
1801 z
3486/3485
1945 z
3486 DIR
2129 z
3493/3488
0046 z
NO NEPH
3482 R/O
3478
MCO
MOP
C
O
FRONTAL
DISTURBED AREA
20°N
160°W
20°N
60°E
10°N
100°W


3497/3496
1400 z
ITC
MCO
C
MOP
INVERSION DOMINATED
3498 DIR
1718 z
3498 DIR
1712 z
MOP
C
MOP
MCO
3498/3497
1542 z
3498/3497
1542 z
MOP
C
MOP
MCO
C
3500 DIR
2039 z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

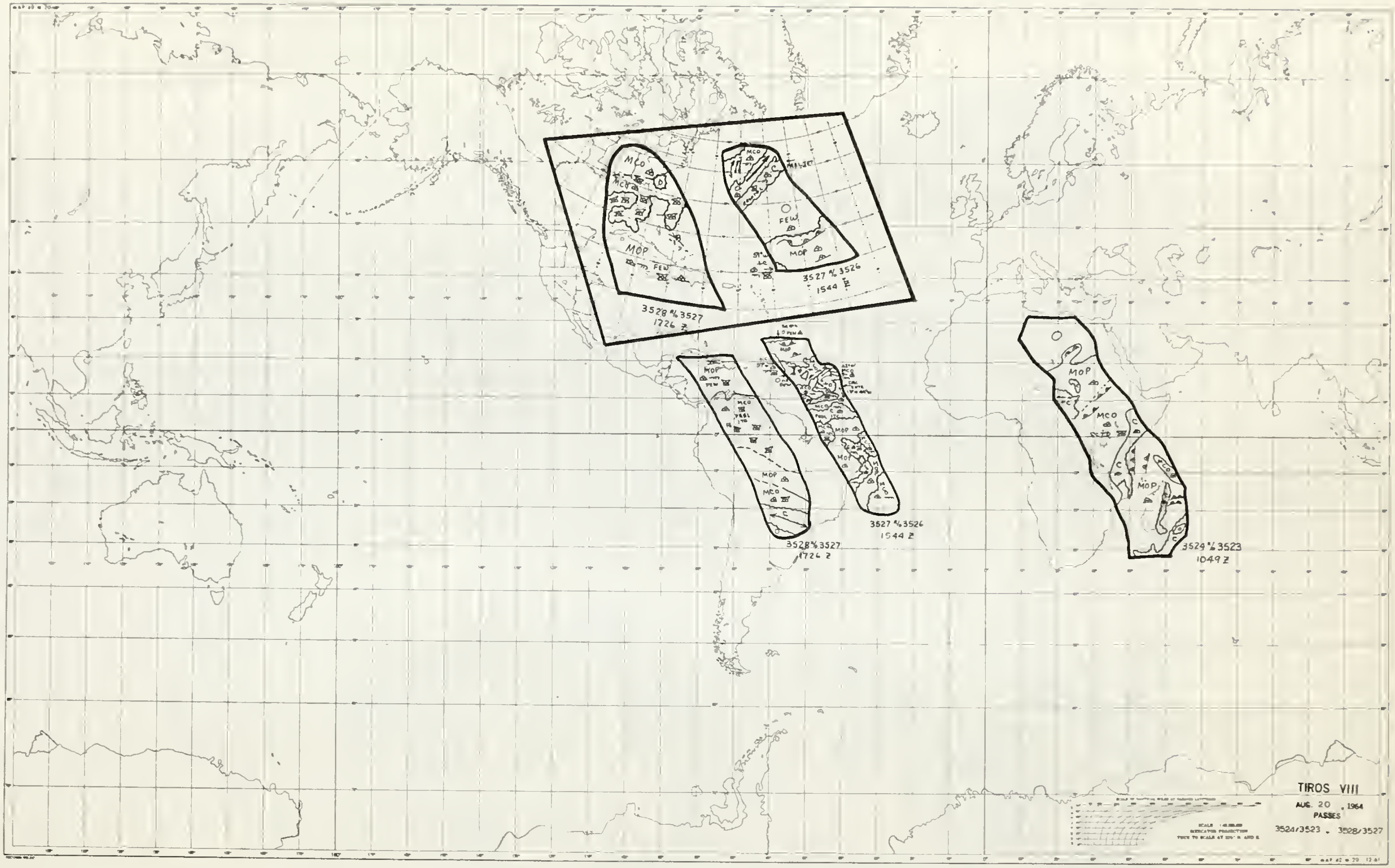
TIROS VIII
AUG. 18 . 1964
PASSES
3497/3496 . 3500/DIR

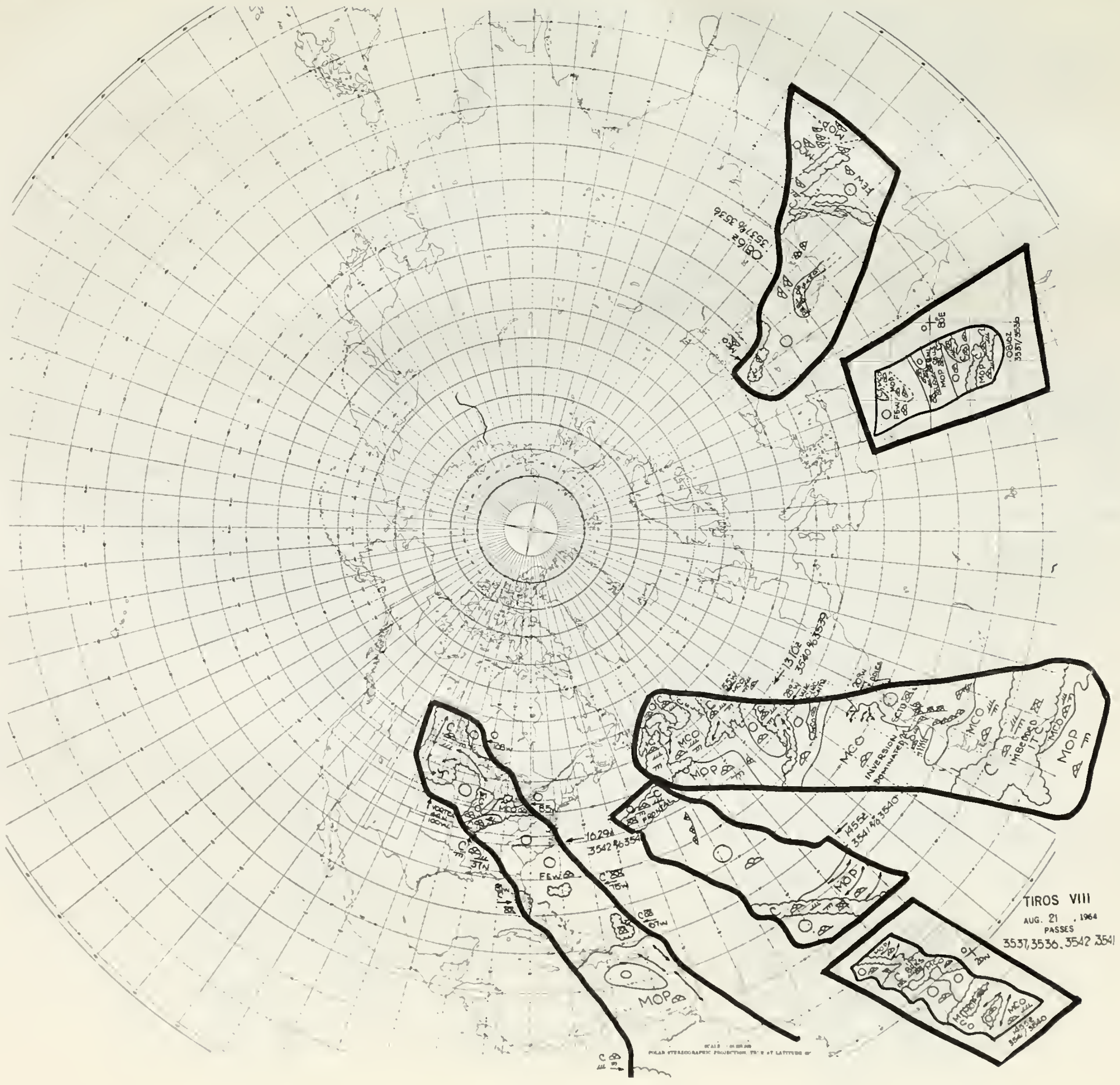

3508 ⅞ 3507
0815 Z
19 AUG 64
10°N
60°E
MOP
MCO
C
O
3523 ⅞ 3522
0907 Z
20 AUG 64
10°N
40°E
CLR
3526 ⅞ 3525
1359 Z
20 AUG 64
IMBEDDED
SCTD
CELLULAR
ITC
3514 DIR
1939 Z
M.CO
FEW BRKS
3512 ⅞ 3511
1449 Z
19 AUG 64
3513 ⅞ 3512
1635 Z
19 AUG 64
10°N
90°W
SCALE
STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII

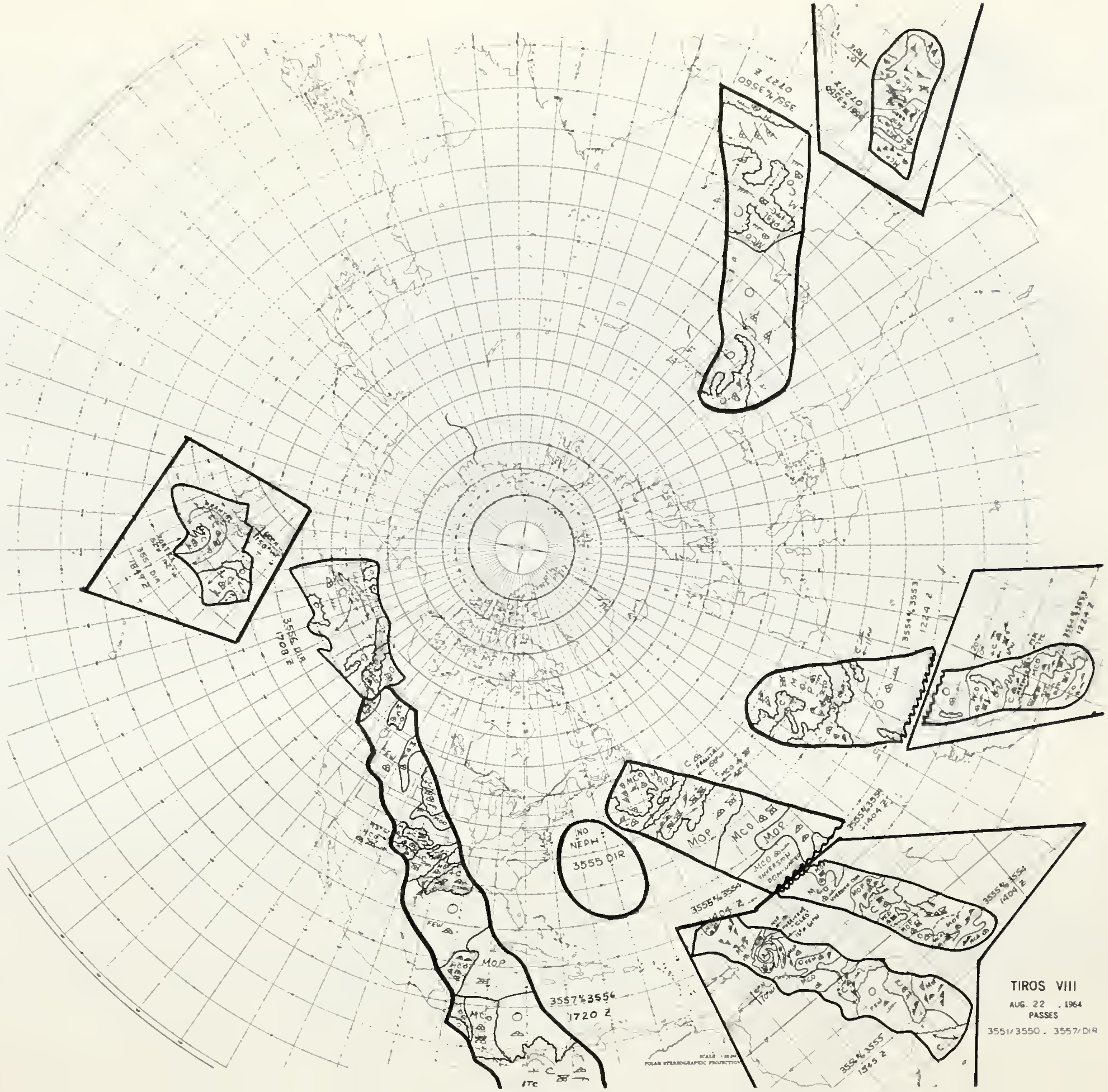
AUG. 19 & 20, 1964
PASSES

3508/3507 . 3526/3525

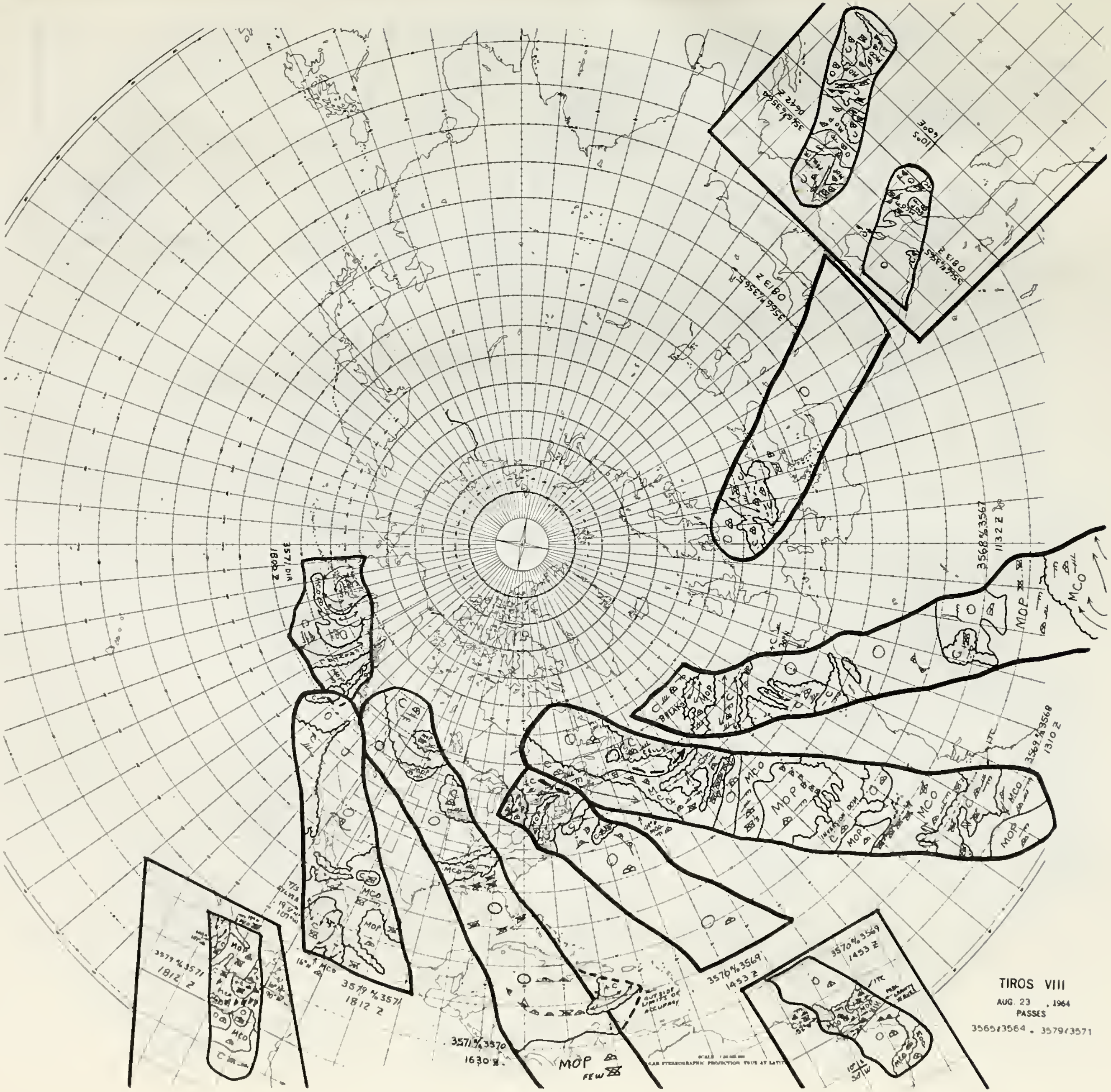

MCO
MOP
FEW
3528 % 3527
1726 Z
3527 % 3526
1544 Z
C
3524 % 3523
1049 Z
TIROS VIII
AUG. 20, 1964
PASSES
3524/3523 - 3528/3527


TIROS VIII
AUG. 21 , 1964
PASSES
3537,3536.3542 3541

0816Z
3537 to 3536
FEW
MOP
0816Z
3537/3536
80E
MOP
FEW
1310Z
3540 to 3539
55W
70W
MCO
MOP
INVERSION
DOMINATED
SCTD
IMBEDDED
ITC
MCO
MOP
C
FRONTAL
1029Z
3542 to 3541
1455Z
3541 to 3540
MOP
FEW
75W
70W
100W
35N
MOP
20W
MCO
1455Z
3541/3540
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

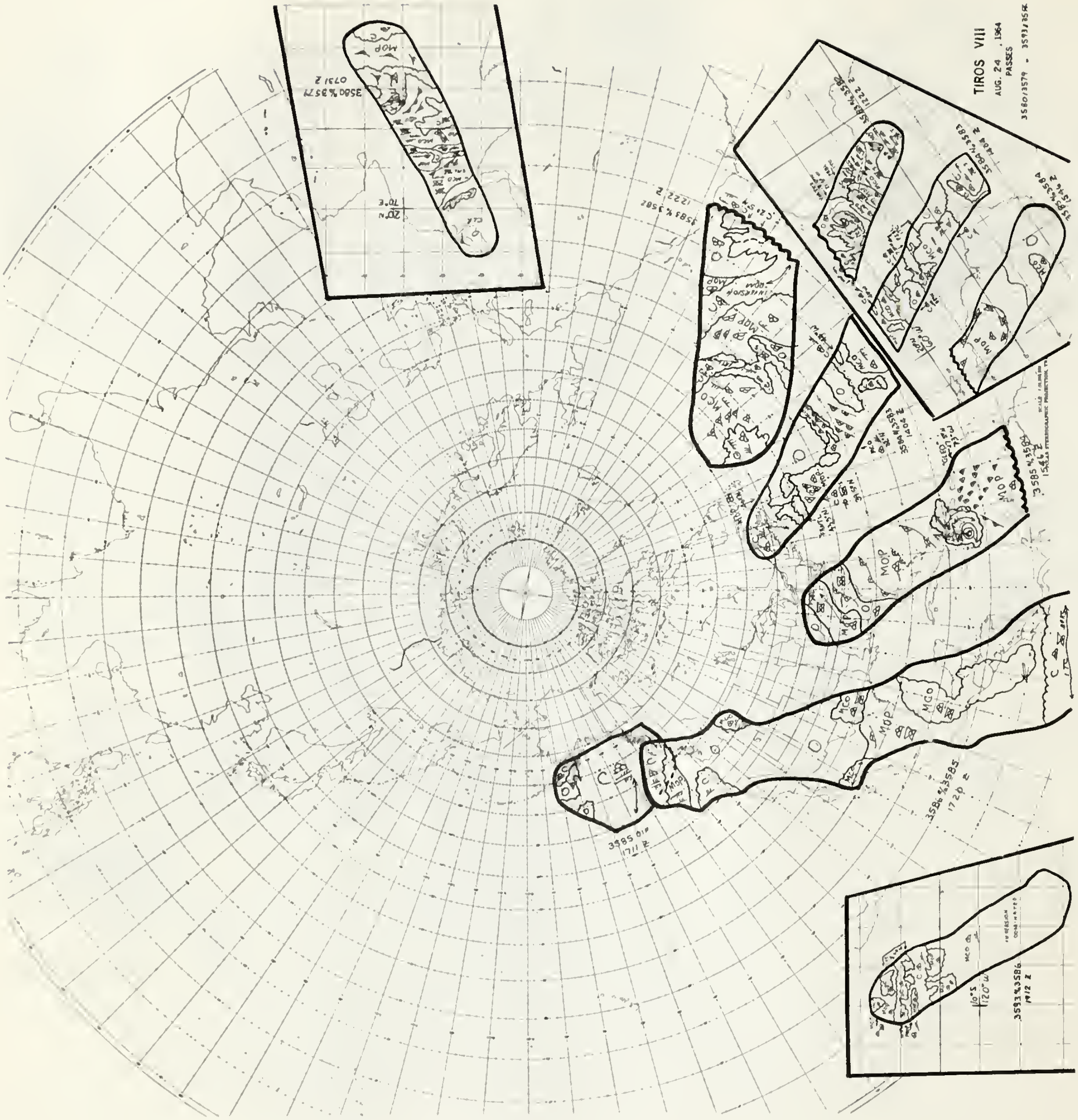

3551/3550
0727 Z
3551/3560
0727 Z
3554/3553
1224 Z
3554/3553
1224 Z
3555/3554
1404 Z
3555/3554
1404 Z
3555/3554
1404 Z
3556/3555
1545 Z
NO
NEPH
3555 DIR
MOP
MCO
MCO
INVERSION
DOMINATED
3557/3556
1720 Z
FEW
ITC
3556 DIR
1708 Z
3557 DIR
1849 Z
VORTEX
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION

TIROS VIII
AUG. 22 , 1964
PASSES
3551/3550 , 3557/DIR



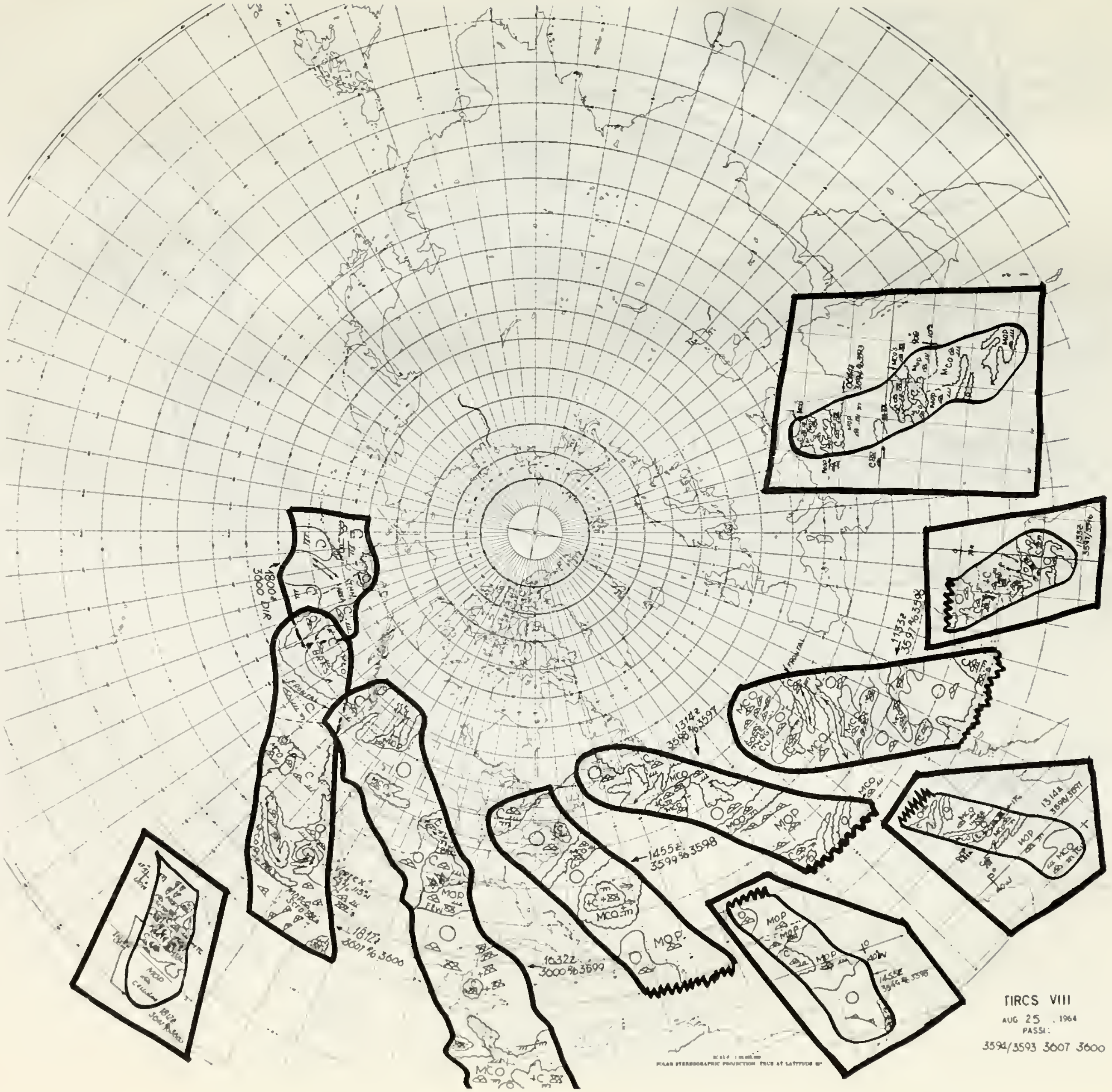
TIROS VIII
AUG. 23 , 1964
PASSES
3565/3564 . 3579/3571

3566/3565
0813 Z
3566/3565
0813 Z
1005
1006
3568/3567
1132 Z
3569/3568
1310 Z
3570/3569
1453 Z
3570/3569
1453 Z
3571/3570
1630 Z
3579/3571
1812 Z
3579/3571
1812 Z
3571 DIR
1800 Z
MOP
MCO
C
BREAKS
INVERSION DOM.
ITC
OUTSIDE LIMITS OF ACCURACY
MOP
FEW
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

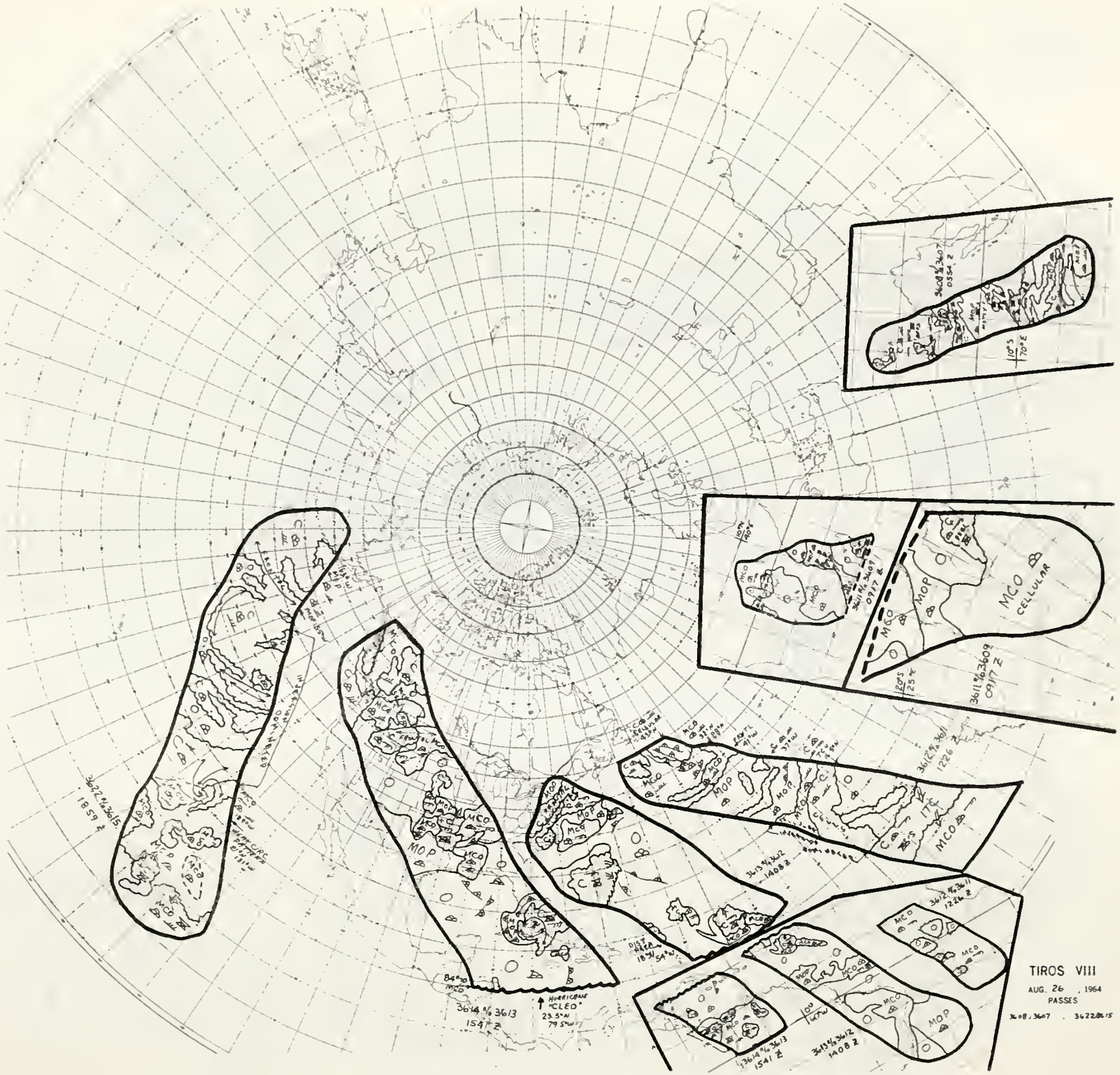


TIROS VIII
AUG. 24, 1964
PASSES
3580/3579 - 3593/3586

3580%3577
0731 Z
20°N
70°E
3583%3582
1222 Z
3584%3583
1404 Z
3585%3584
1546 Z
3586%3585
1720 Z
3585 o/p
1711 Z
3593%3586
1912 Z
10°S
120°W
MOP
MCO
C


1800Z
3000 DIR
FRONTAL
1812Z
3607 to 3600
1632Z
3000 to 3699
1455Z
3599 to 3598
1314Z
3598 to 3597
1133Z
3597 to 3598
1133Z
3597/3596
1314Z
3596/3597
1455Z
3594 to 3598
1045Z
3594 to 3593
MCO
MOP
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIRCS VIII
AUG 25, 1964
PASS:
3594/3593 3607 3600



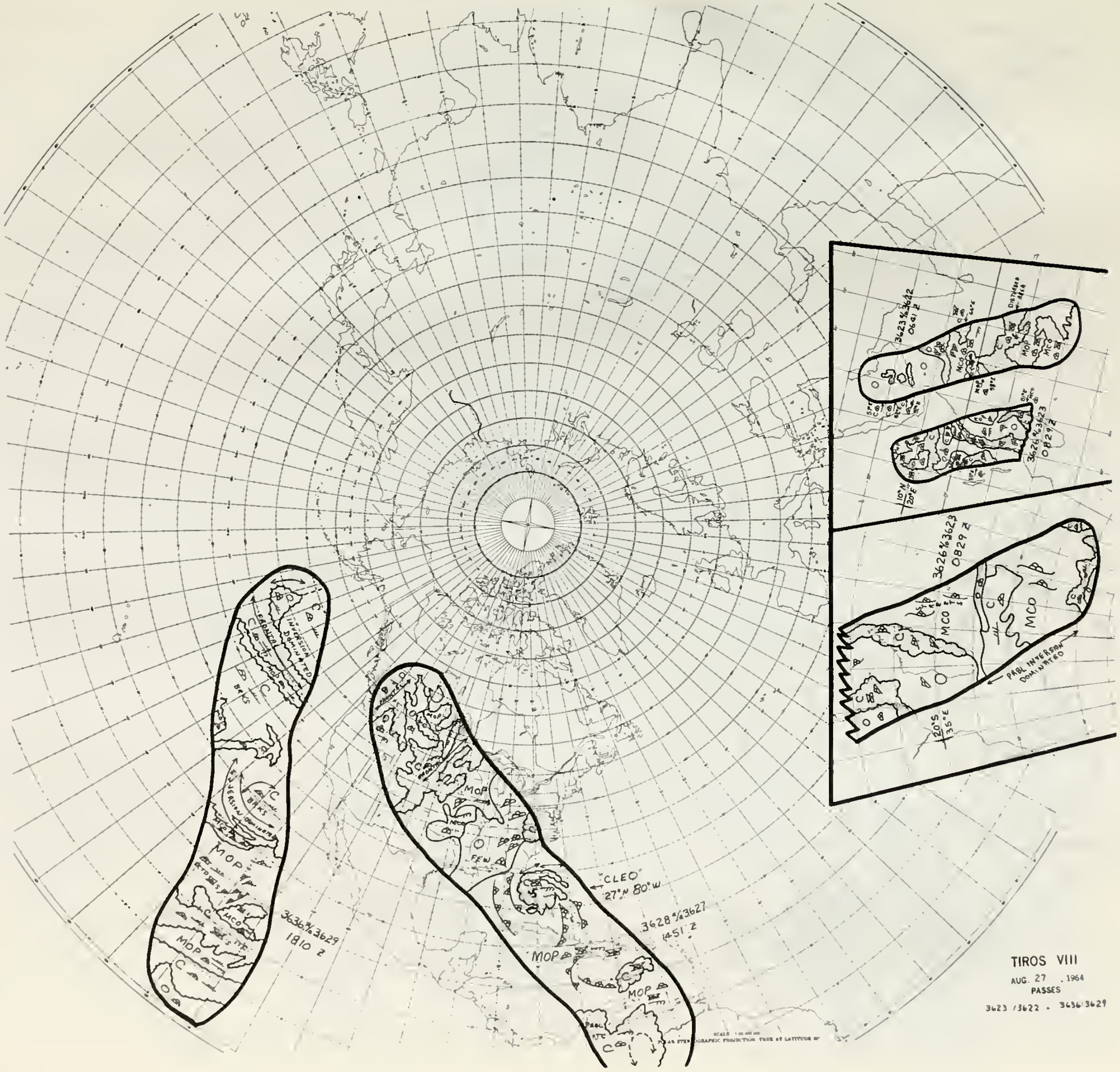
TIROS VIII

AUG. 26, 1964

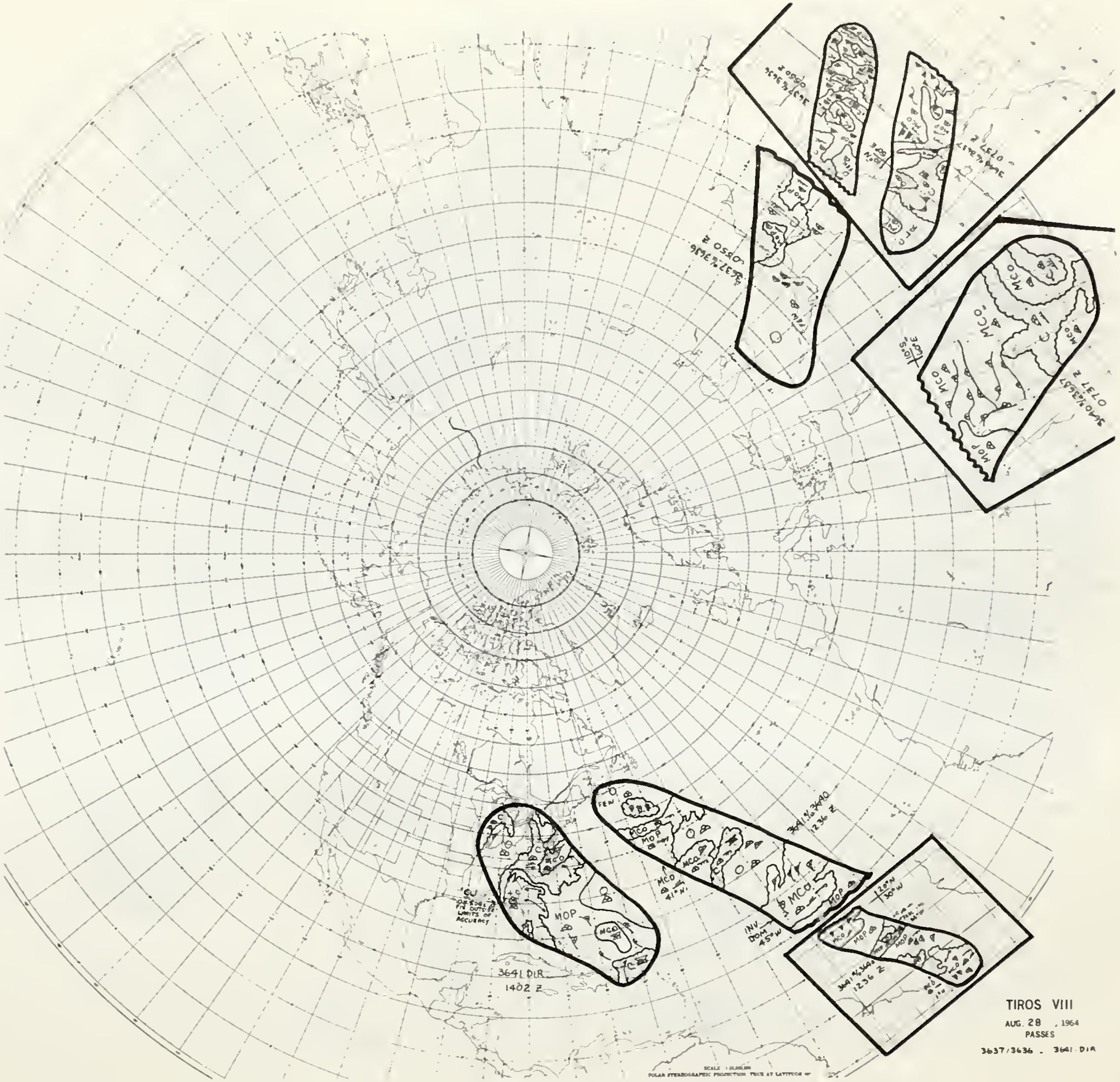
PASSES

3608/3607 . 3622/3615

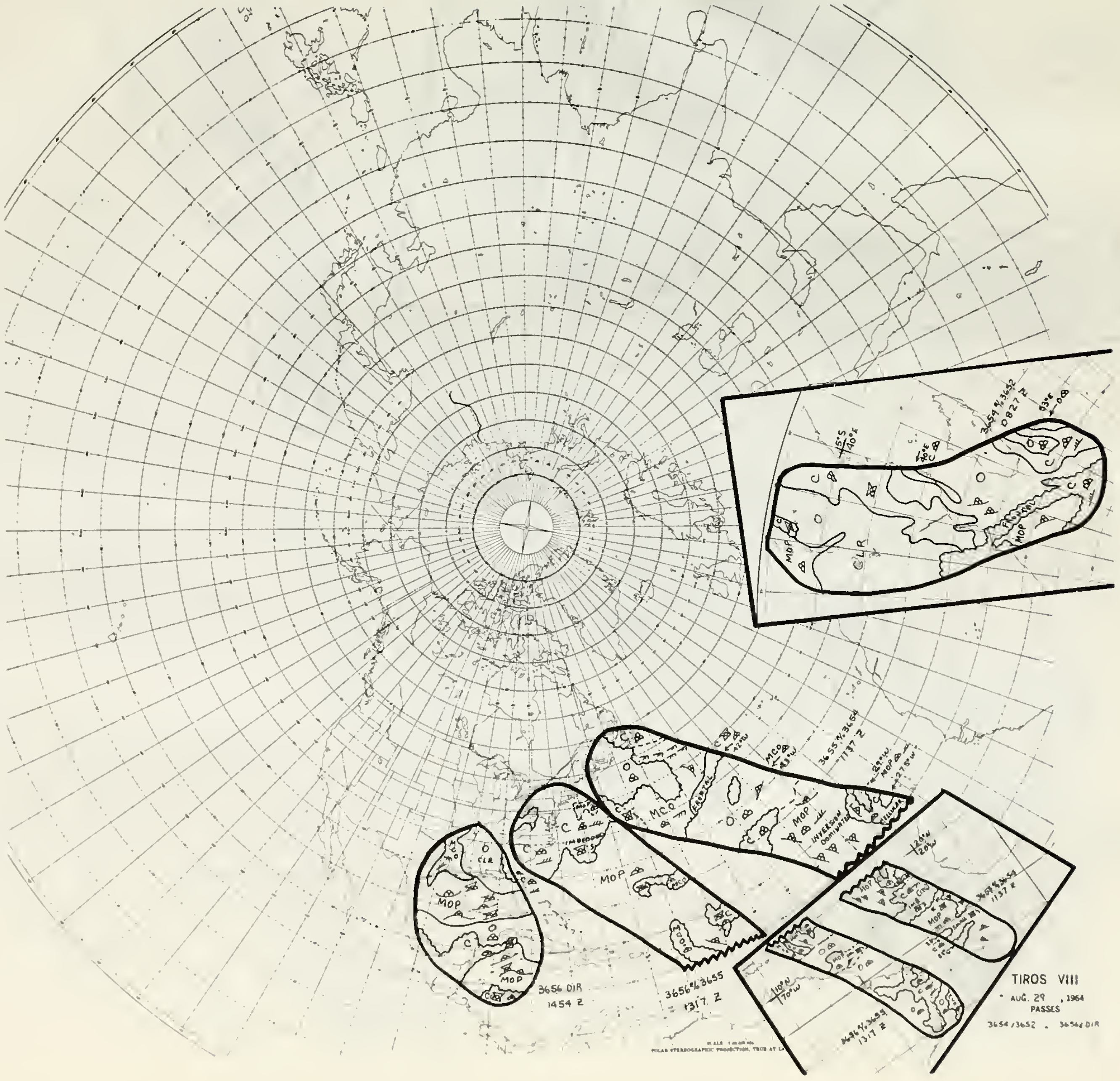
3608/3607
0554 Z
10°S
70°E
3611/3609
0917 Z
20°S
125°E
10°N
140°E
MCO
CELLULAR
MOP
MCO
3612/3611
1226 Z
ITC
3613/3612
1408 Z
DIST
AREA
10°N
54°W
3614/3613
1541 Z
HURRICANE
"CLEO"
23.5°N
79.5°W
84°W
MCO
MOP
MCO
3622/3615
1859 Z
INVERSION
DOMINATED
FRONTAL
MESO-CIRC
PATTERN

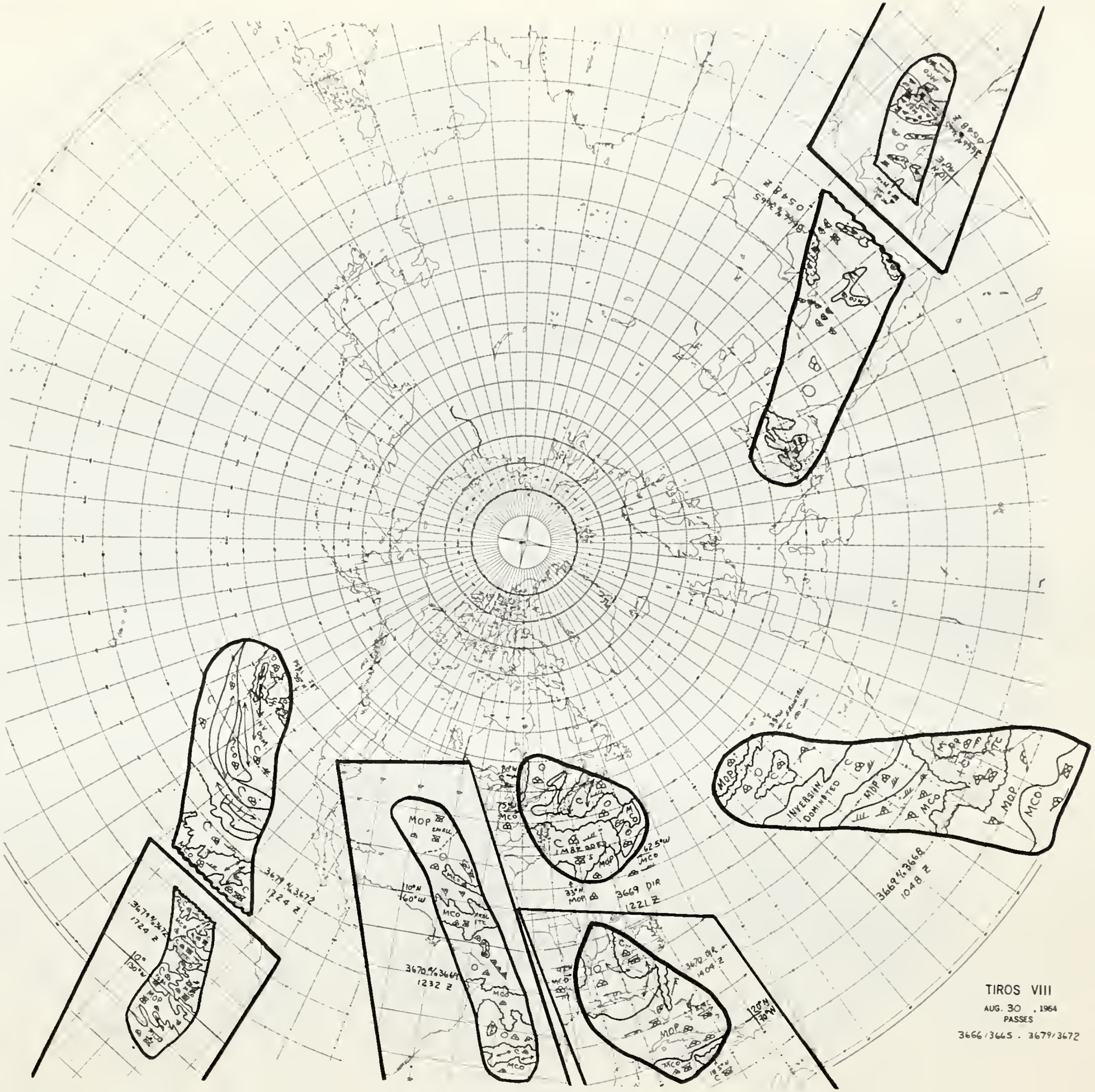

3623/3622
0641 Z
DISTURBED AREA
MOP
MCO
C
10°N
20°E
3626/3623
0829 Z
3626/3623
0829 Z
MCO
C
MCO
PABL INVERSION DOMINATED
20°S
35°E
INVERSION DOMINATED
FRONTAL
C
BRKS
INVERSION DOMINATED
MOP
MCO
MOP
C
O
3636/3629
1810 Z
MOP
FEW
"CLEO"
27°N 80°W
3628/3627
1451 Z
MOP
MOP
C

TIROS VIII
AUG. 27 , 1964
PASSES
3623 /3622 - 3636/3629

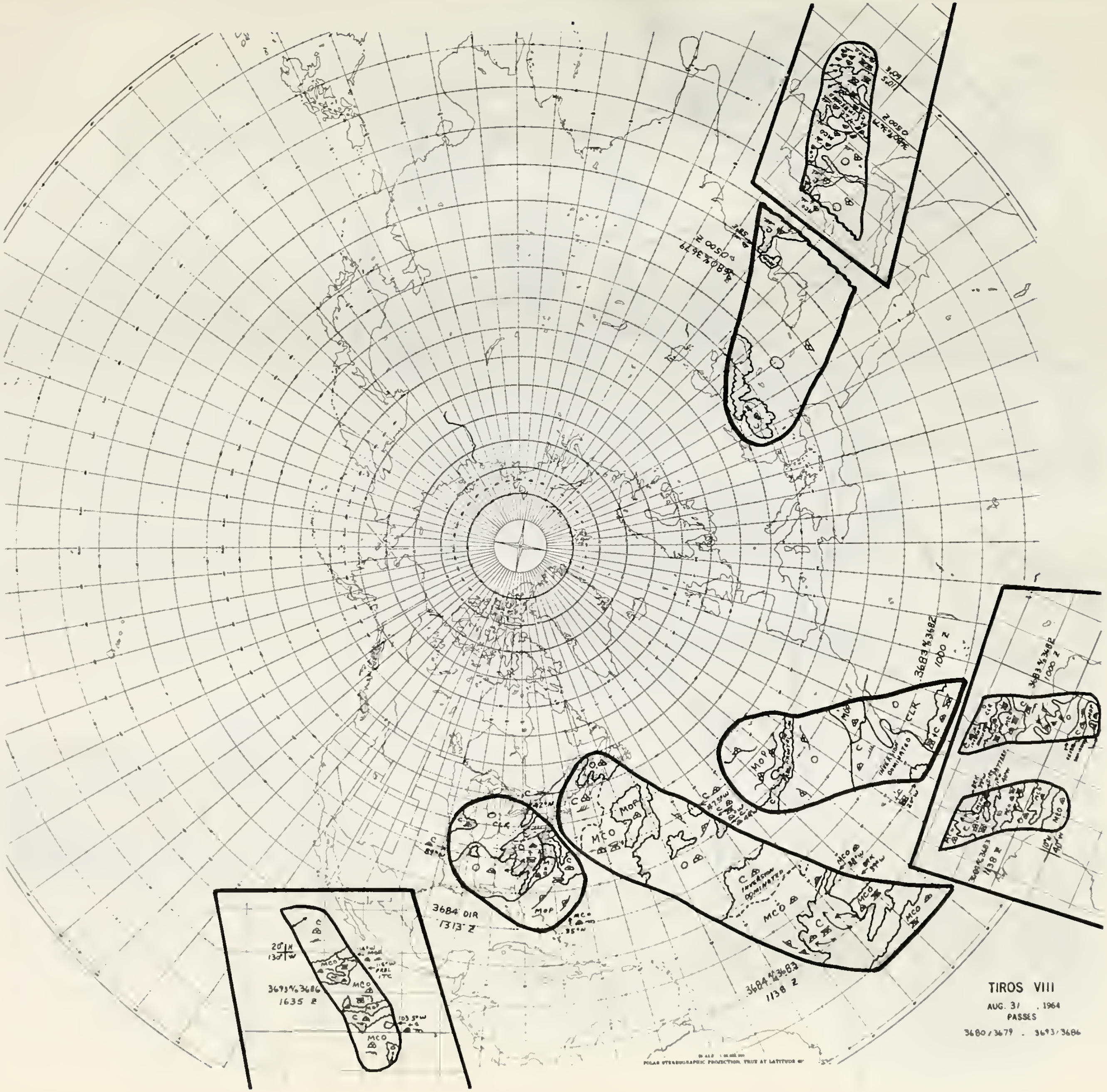

3641 DIR
1402 Z
3641/3640
1236 Z
MOP
MCO
FEW
C
CU
ON EDGE OF PIX OUTSIDE LIMITS OF ACCURACY
MCO
41° N
INV
DOM
45° W
20° N
30° W
3640/3637
0737 Z
10° S
110° E
3637/3636
0550 Z
10° N
80° E
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

TIROS VIII
AUG. 28, 1964
PASSES
3637/3636 . 3641 DIA

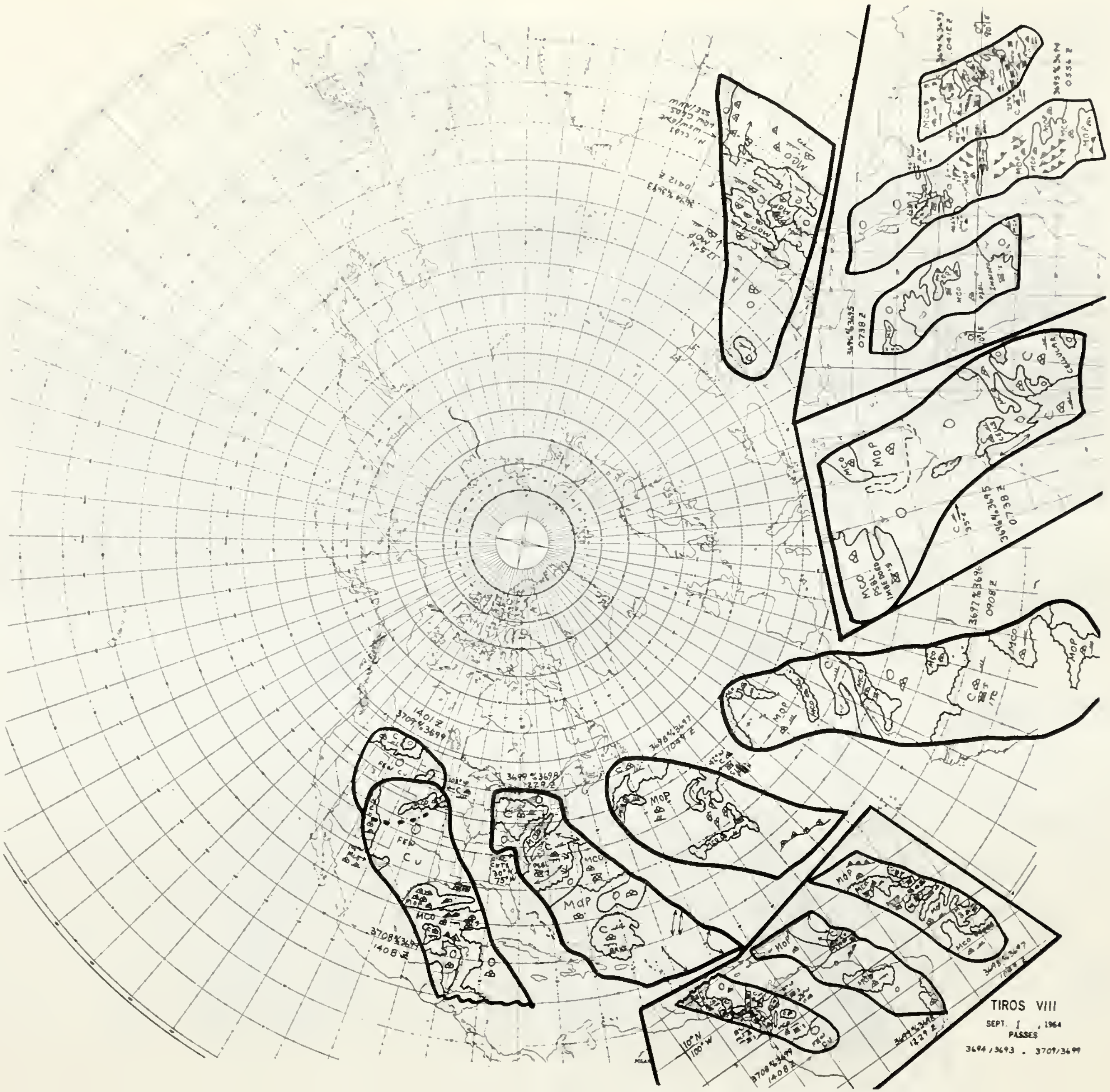

TIROS VIII
AUG. 29, 1964
PASSES
3654/3652 . 3656 DIR
3654 ⁰/₀ 3652
0827 Z
93°E
15°S
40°E
40°E
C
O
CLR
MOP
FRONTAL
3655 ⁰/₀ 3654
1137 Z
C
42°W
MCO
43°W
29°W
MOP
27.5°W
FRONTAL
MCO
MOP
INVERSION DOMINATED
CELLULAR
20°N
20°W
3655 ⁰/₀ 3654
1137 Z
10°N
70°W
3656 ⁰/₀ 3655
1317 Z
C
IMBEDDED
MOP
MCO
3656 ⁰/₀ 3655
1317 Z
CLR
MOP
MOD
3656 DIR
1454 Z


3666 & 3665
0548 Z
3669 & 3668
1048 Z
INVERSION DOMINATED
MOP
MCO
3669 DIR
1221 Z
62.5°W
MCO
33°N
MOP
75°W
MCO
IMBEDDED
3670 & 3669
1232 Z
10°N
60°W
MCO
PROB. ITC
3670 DIR
1404 Z
20°N
70°W
3679 & 3672
1724 Z
10°
130°W

TIROS VIII
AUG. 30 , 1964
PASSES
3666/3665 . 3679/3672

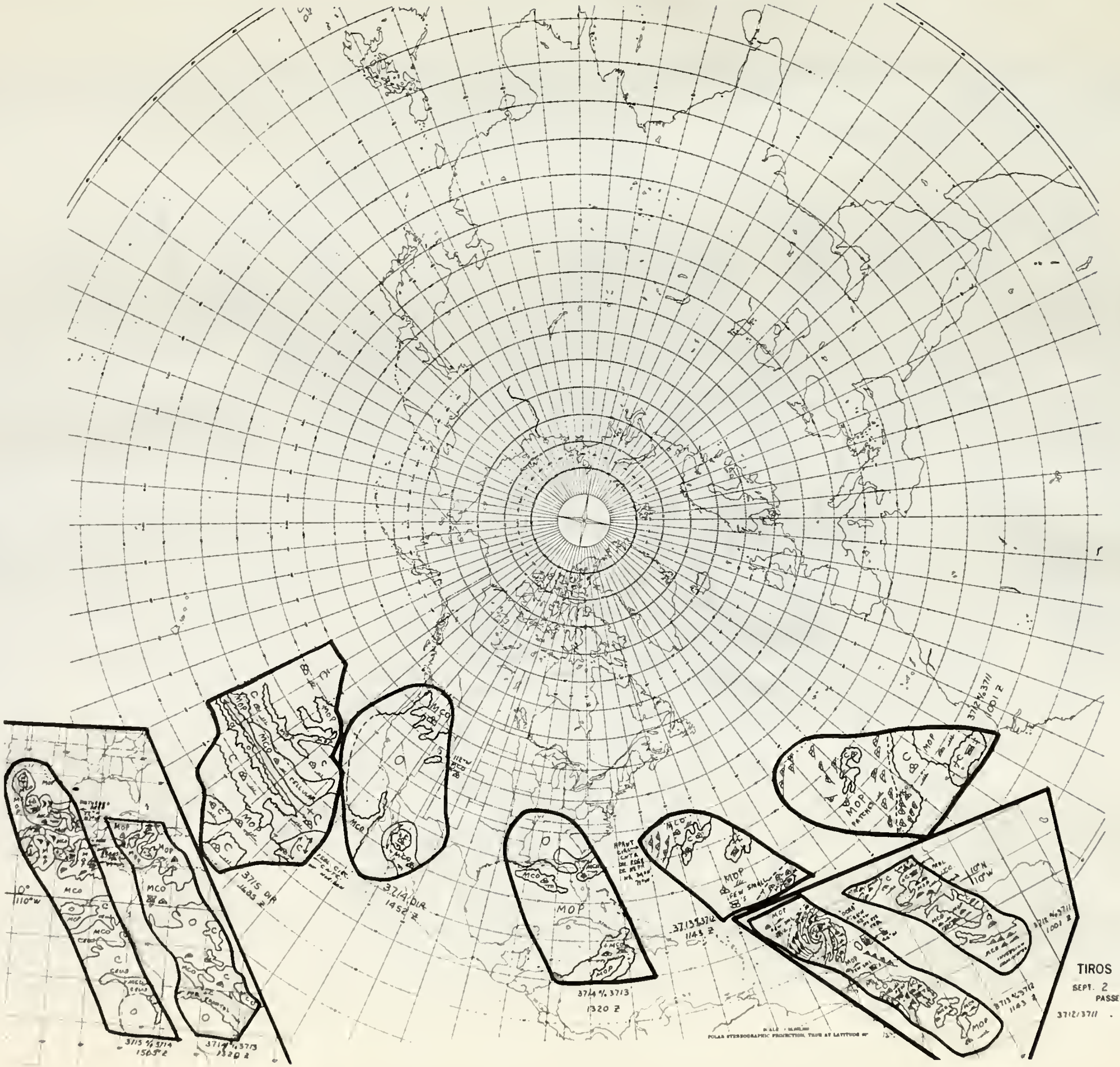

3680/3679
0500 Z
3683/3682
1000 Z
3684/3683
1138 Z
3684 DIR
1313 Z
3693/3686
1635 Z
MCO
MOP
CLK
C
INVERSION DOMINATED
20°N
130°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
AUG. 31 , 1964
PASSES
3680/3679 . 3693/3684


3694/3693
0412 Z
3695/3694
0556 Z
3696/3695
0738 Z
3697/3696
0908 Z
3698/3697
1049 Z
3699/3698
1229 Z
3709/3699
1401 Z
3708/3697
1408 Z
MOP
MCO
CELLULAR
MCO
PSBL
IMBEDDED
C
FEW
Cu
MOP
MCO
10°N
100°W

TIROS VIII

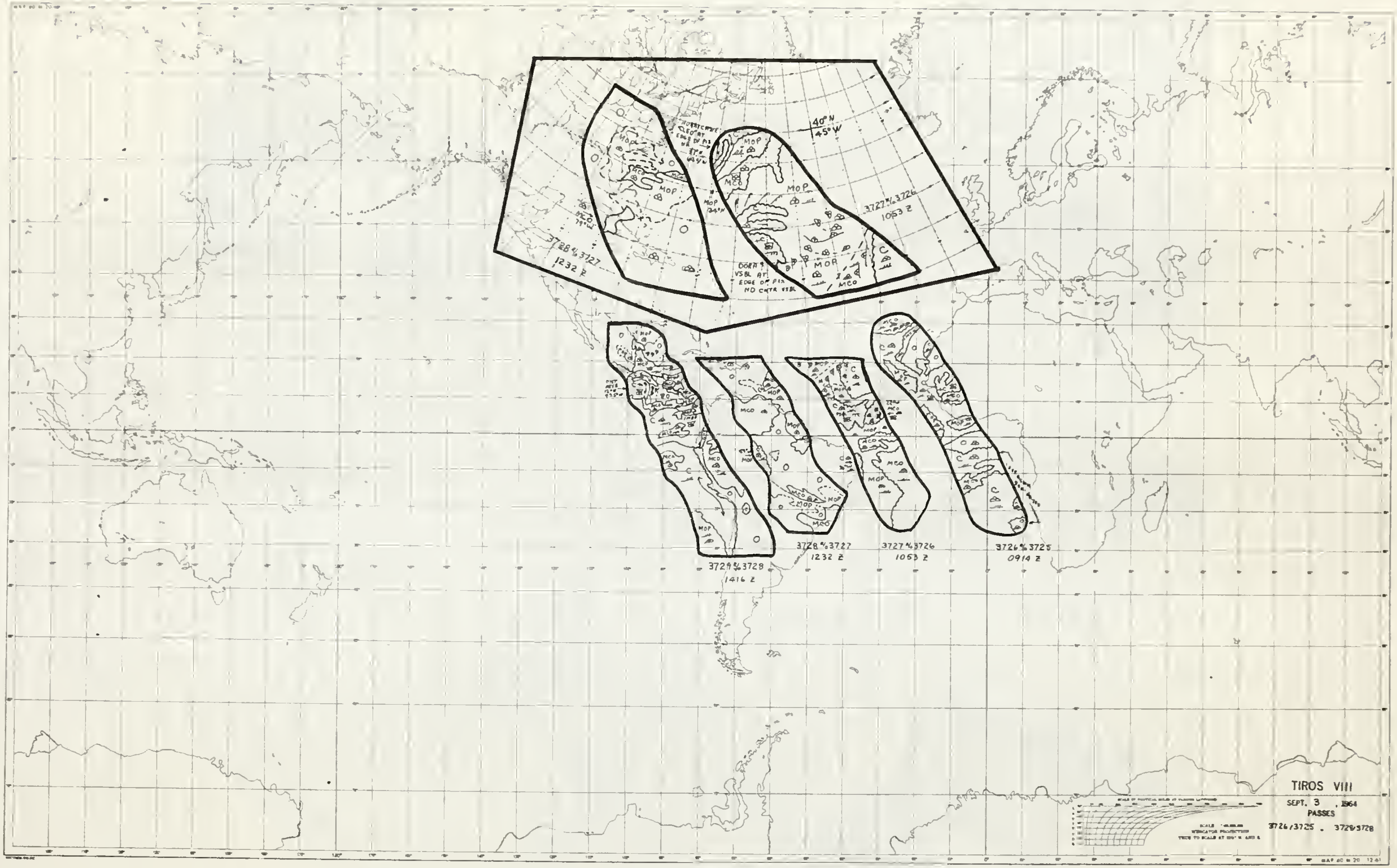
SEPT. 1, 1964
PASSES
3694/3693 . 3709/3699

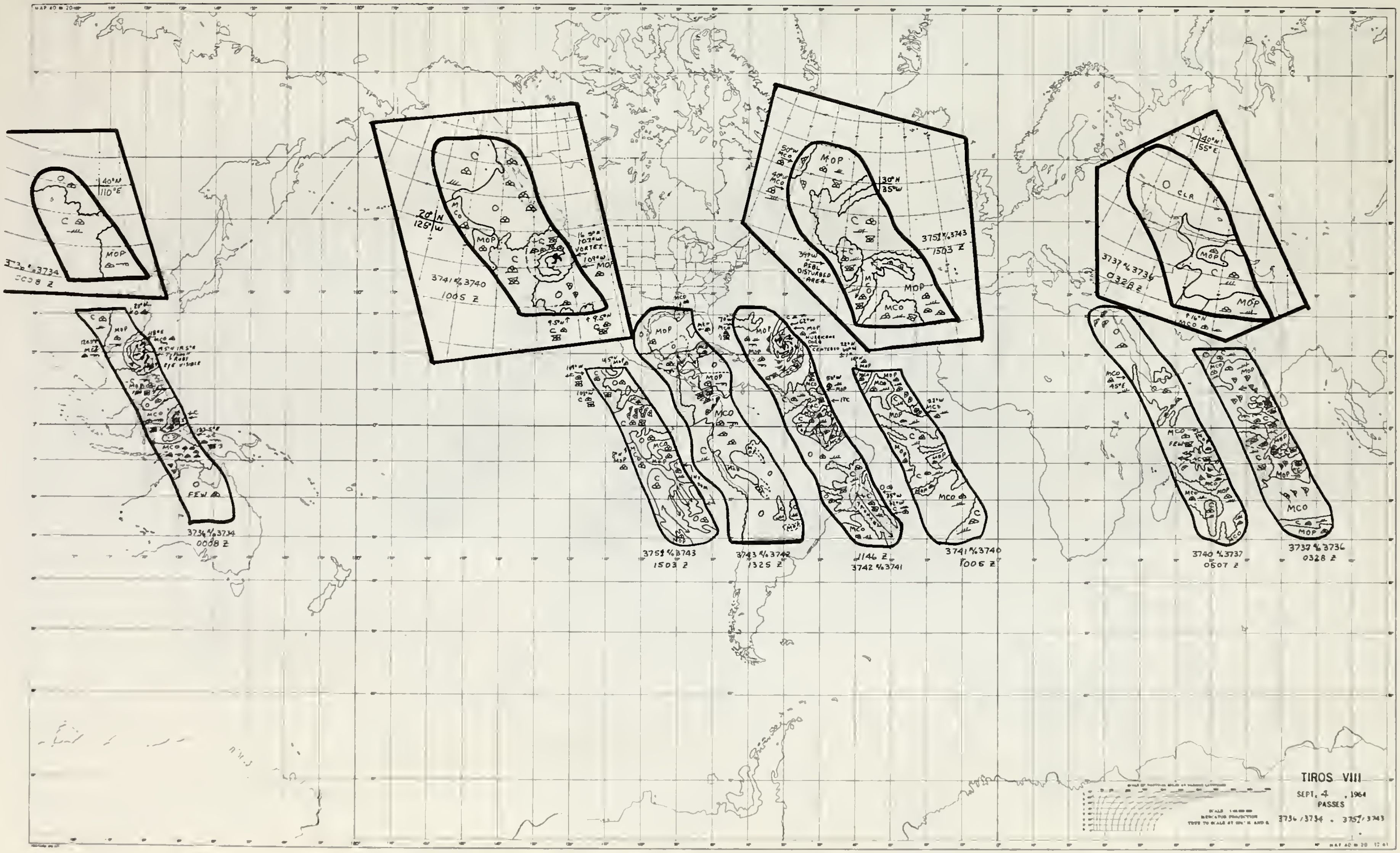

3712 & 3711
1001 Z
3713 & 3712
1143 Z
3714 & 3713
1320 Z
3714 DIR
1452 Z
3715 DIR
1635 Z
3715 & 3714
1505 Z
MOP
MCO
C
O
PATCHY
FEW SMALL
CELLULAR
112°W
10°N
10°W
0°
110°W
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

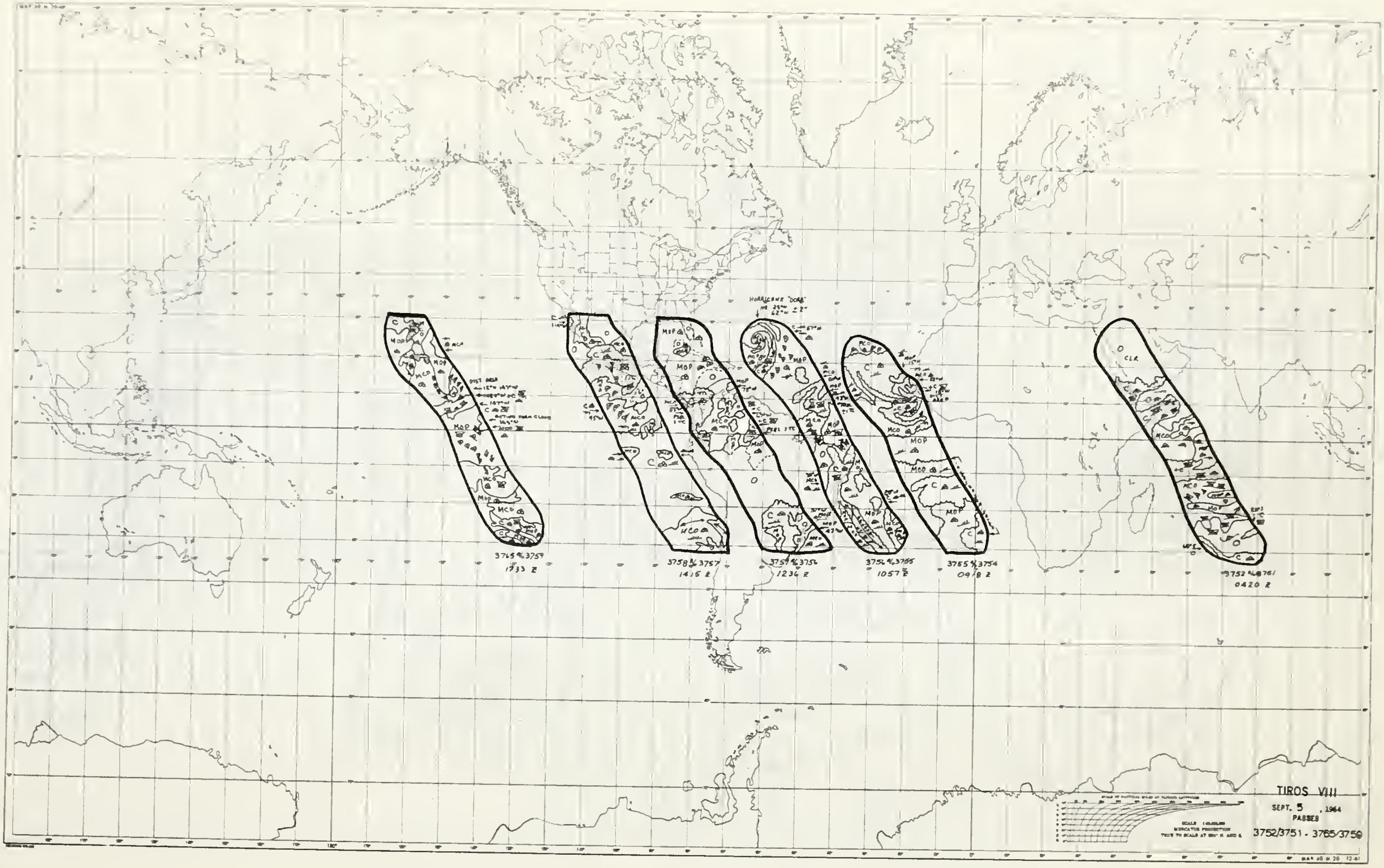
TIROS VIII

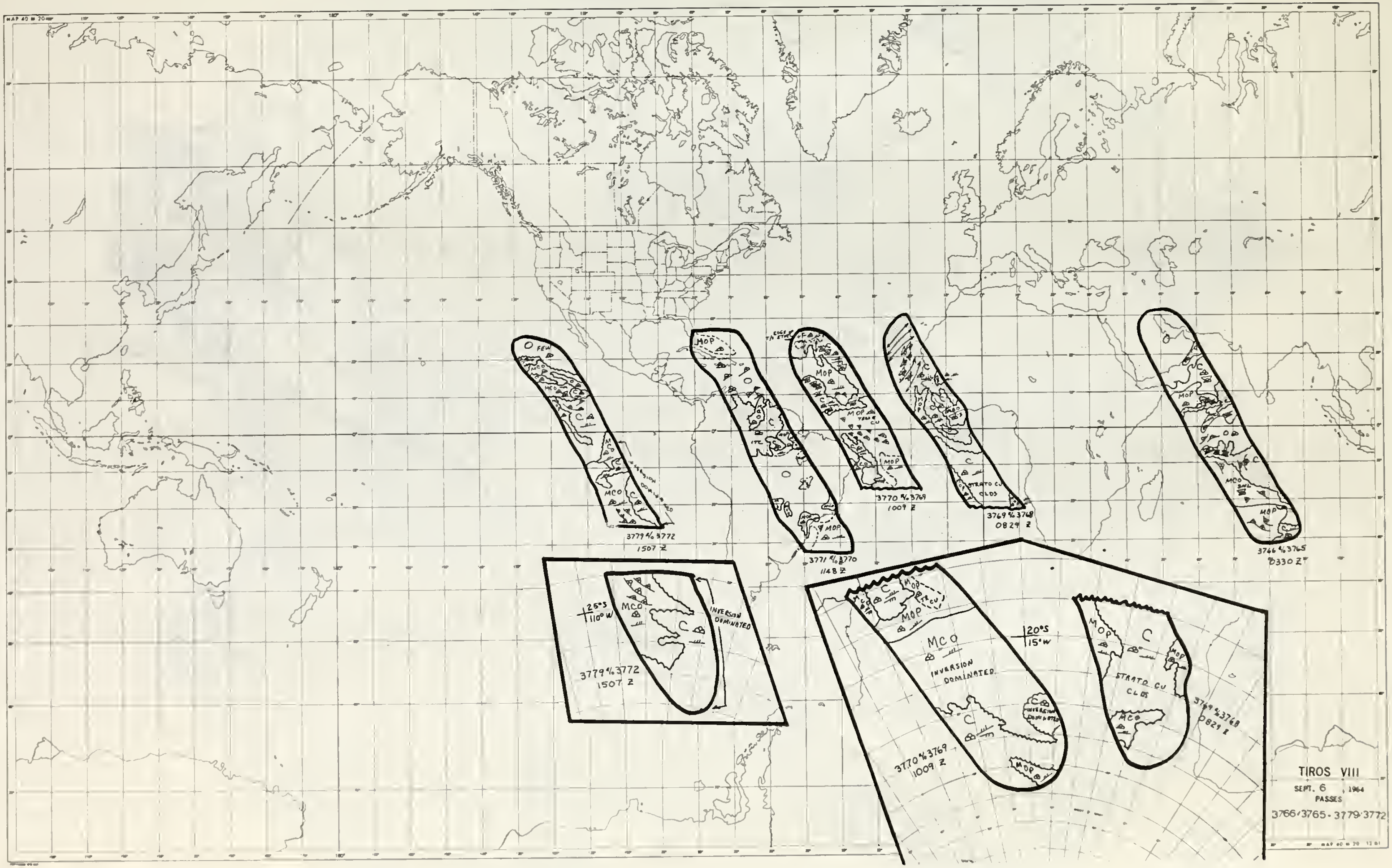
SEPT. 2 , 1964
PASSES

3712/3711 . 3715/DIR

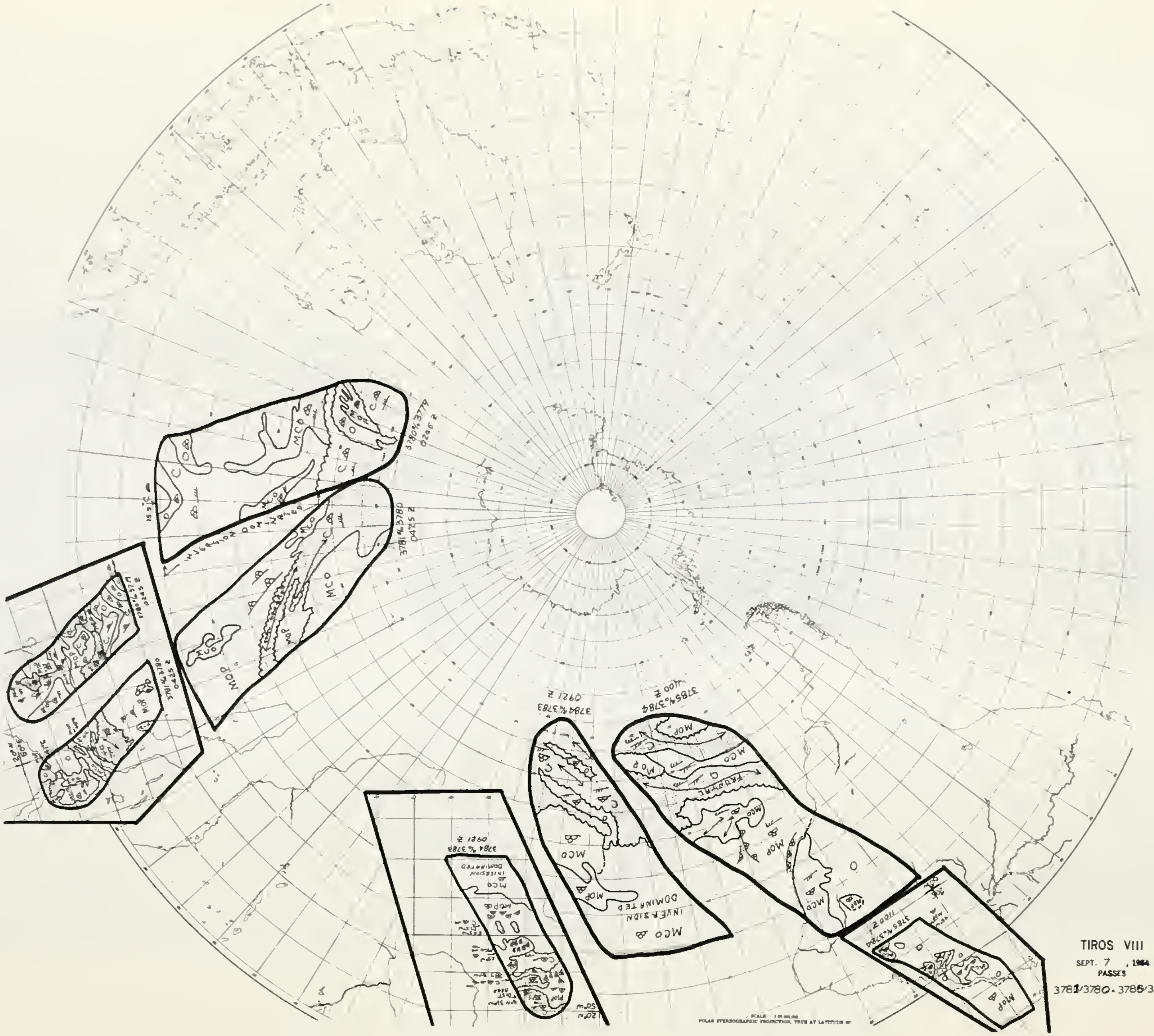

40°N
45°W
3727 & 3726
1053 Z
3728 & 3727
1232 Z
MCO
79°W
MOP
MCO
MOR
C
DORA VSBL AT EDGE OF PIX NO CNTR VSBL
3729 & 3728
1416 Z
3728 & 3727
1232 Z
3727 & 3726
1053 Z
3726 & 3725
0914 Z
TIROS VIII
SEPT. 3 , 1964
PASSES
3726/3725 . 3729/3728
MAP 60 N 20 12-61


TIROS VIII
SEPT. 4 , 1964
PASSES
3734 /3734 . 3757/3743
3734 %3734
0008 Z
3741 % 3740
1005 Z
20°N 125°W
16.5°N 107°W VORTEX
109°W
9.5°N
3751 % 3743
1503 Z
30°N 35°W
50°W MCO
40°N MCO
34°W PERL DISTURBED AREA
3737 % 3736
0328 Z
40°N 55°E
CLR
9 16°N MCO
40°N 110°E
3759 % 3743
1503 Z
3743 % 3742
1325 Z
1146 Z
3742 % 3741
3741 % 3740
1006 Z
3740 % 3737
0507 Z
3737 % 3736
0328 Z
FEW
MCO 45°E
HURRICANE DORA
ITC
MOP
MCO
C
O

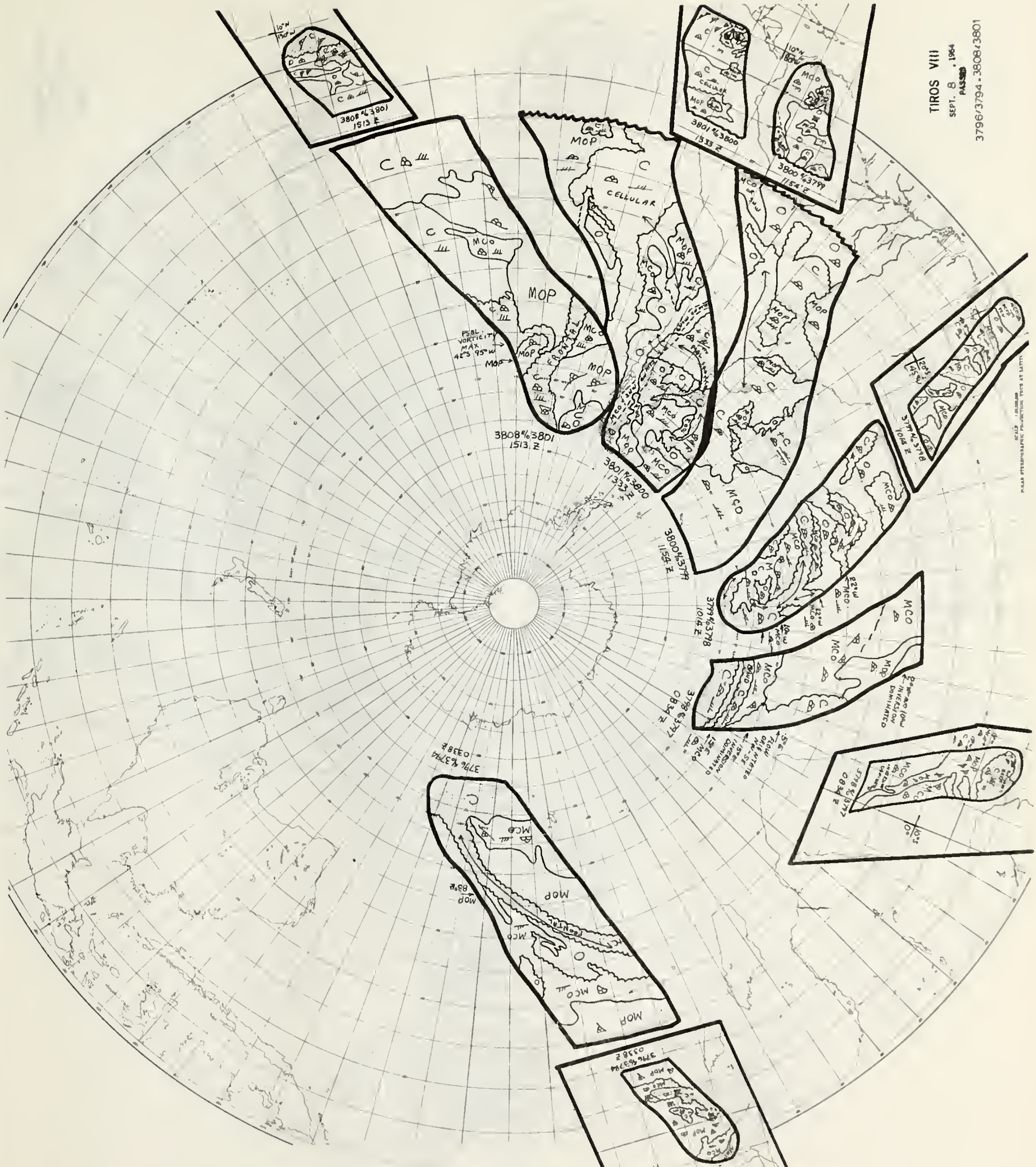
HURRICANE "DORA"
AT 25°N ±2°
62°W
CLR
MCO
MOP
C
3765 & 3759
1733 Z
3758 & 3757
1415 Z
3757 & 3756
1236 Z
3756 & 3755
1057 Z
3755 & 3754
0918 Z
3752 & 3751
0420 Z
TIROS VIII
SEPT. 5, 1964
PASSES
3752/3751 - 3765/3759


TIROS VIII
SEPT. 6, 1964
PASSES
3766/3765-3779/3772

MAP 40 M 20
O FEW
MCO
C
INVERSION DOMINATED
3779 & 3772
1507 Z
MOP
O
3771 & 3770
1148 Z
EDGE TA ETHE
MOP
TRADE CU
3770 & 3769
1009 Z
STRATO CU
CLDS
3769 & 3768
0829 Z
MOP
MCO
3766 & 3765
0330 Z
25°S
110°W
INVERSION DOMINATED
C
MCO
3779 & 3772
1507 Z
20°S
15°W
MOP
TR CU
MCO
INVERSION DOMINATED
C
INVERSION DOMINATED
MOP
3770 & 3769
1009 Z
MOP
C
STRATO CU
CLDS
MCO
3769 & 3768
0829 Z


3780/3779 0245 Z
3781/3780 0425 Z
3780/3779 0245 Z
3781/3780 0425 Z
MCO
MOP
C
INVERSION DOMINATED
3784/3783 0921 Z
3785/3784 1100 Z
FRONTAL
MCO
INVERSION DOMINATED
3784/3783 0921 Z
3785/3784 1100 Z
20°N
50°N
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
SEPT. 7, 1964
PASSES
3781/3780 · 3785/3784



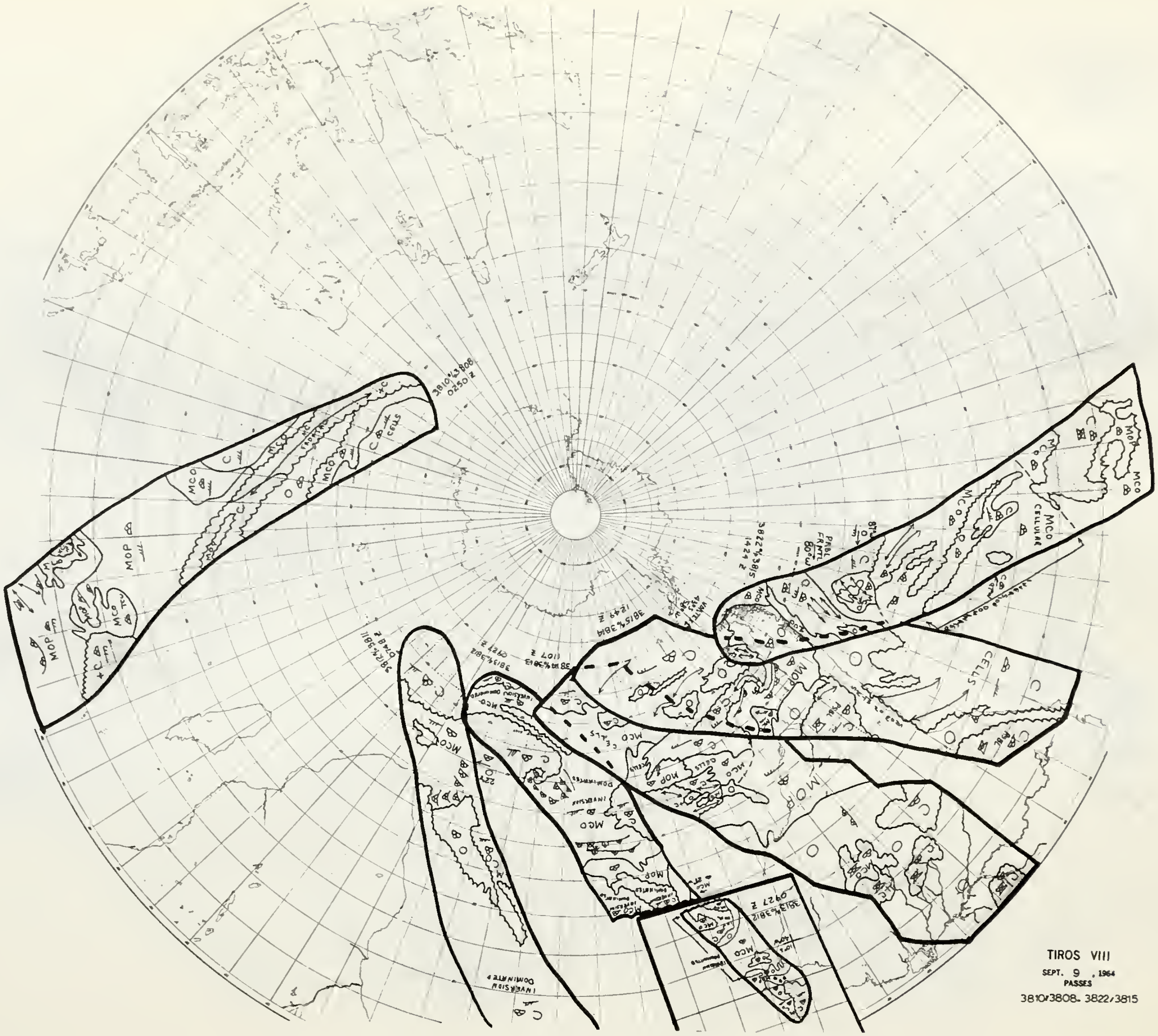
TIROS VIII

SEPT. 8, 1964

PASSES

3796/3794-3808/3801

3808 ⁰/₀ 3801
1513 Z
PSBL VORTICITY MAX 42°S 95°W
MOP
FRONTAL
MCO
C
CELLULAR
3801 ⁰/₀ 3800
1333 Z
3800 ⁰/₀ 3799
1154 Z
3799 ⁰/₀ 3798
1014 Z
3798 ⁰/₀ 3797
0834 Z
3797 ⁰/₀ 3798
1014 Z
20°S 45°W
22°W
10°W
15°E
5°E
FLOW ORIENTED NW-SE
INVERSION DOMINATED
INVERSION DOMINATED
0°
10°S
10°N
130°W
10°N
80°W
3796 ⁰/₀ 3794
0338 Z
MOP 83°E
10°N
70°E
SCALE 1:20,000,000
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

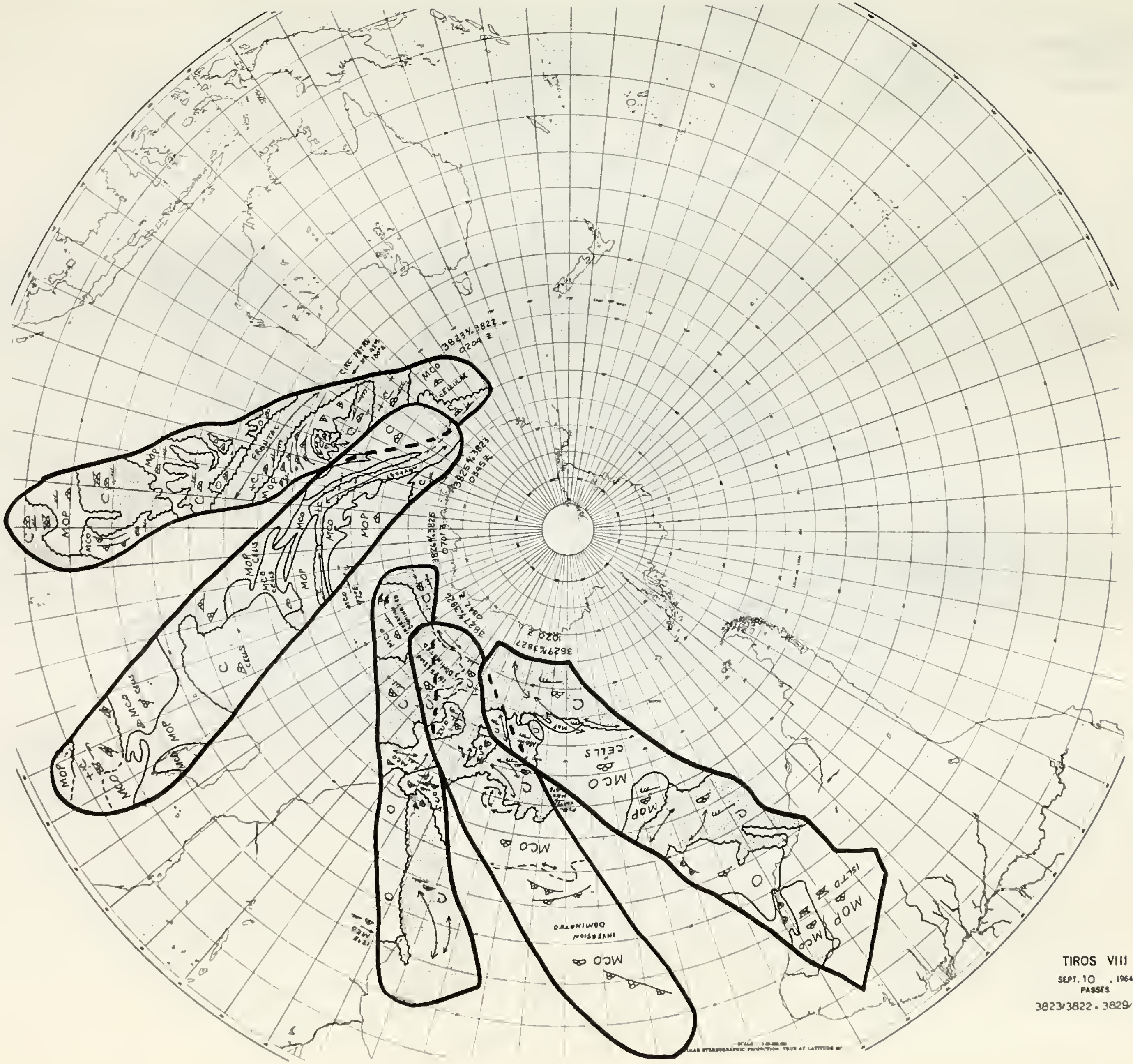

3810/3808
0250 Z
3822/3815
1424 Z
3815/3814
1249 Z
3814/3813
1107 Z
3813/3812
0927 Z
3812/3811
0748 Z
MCO
MOP
CELLS
MCO CELLULAR
PRBL FRNTL
80°W
87°W
VORTEX
INVERSION DOMINATE
C
O

TIROS VIII

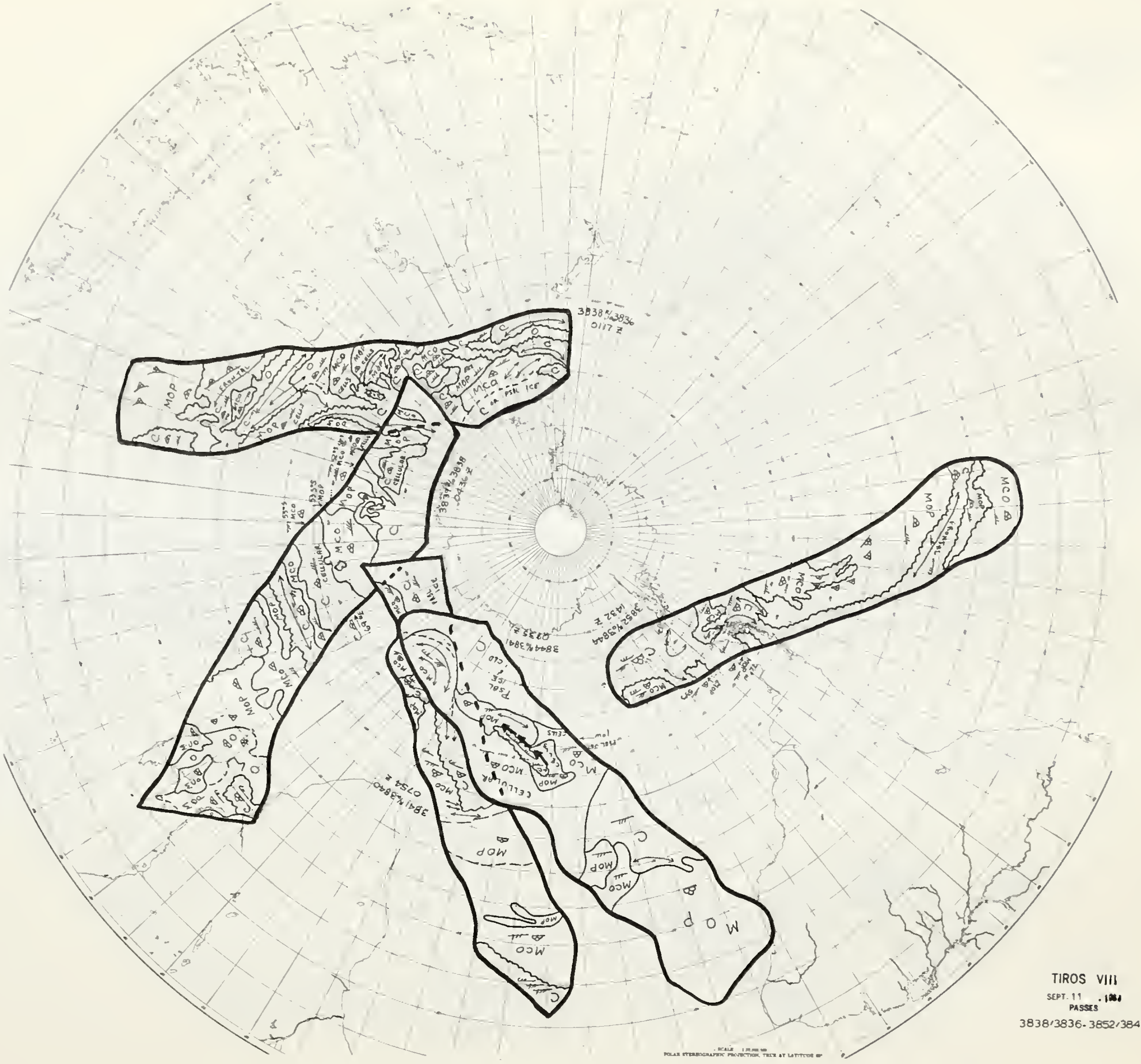
SEPT. 9 , 1964

PASSES

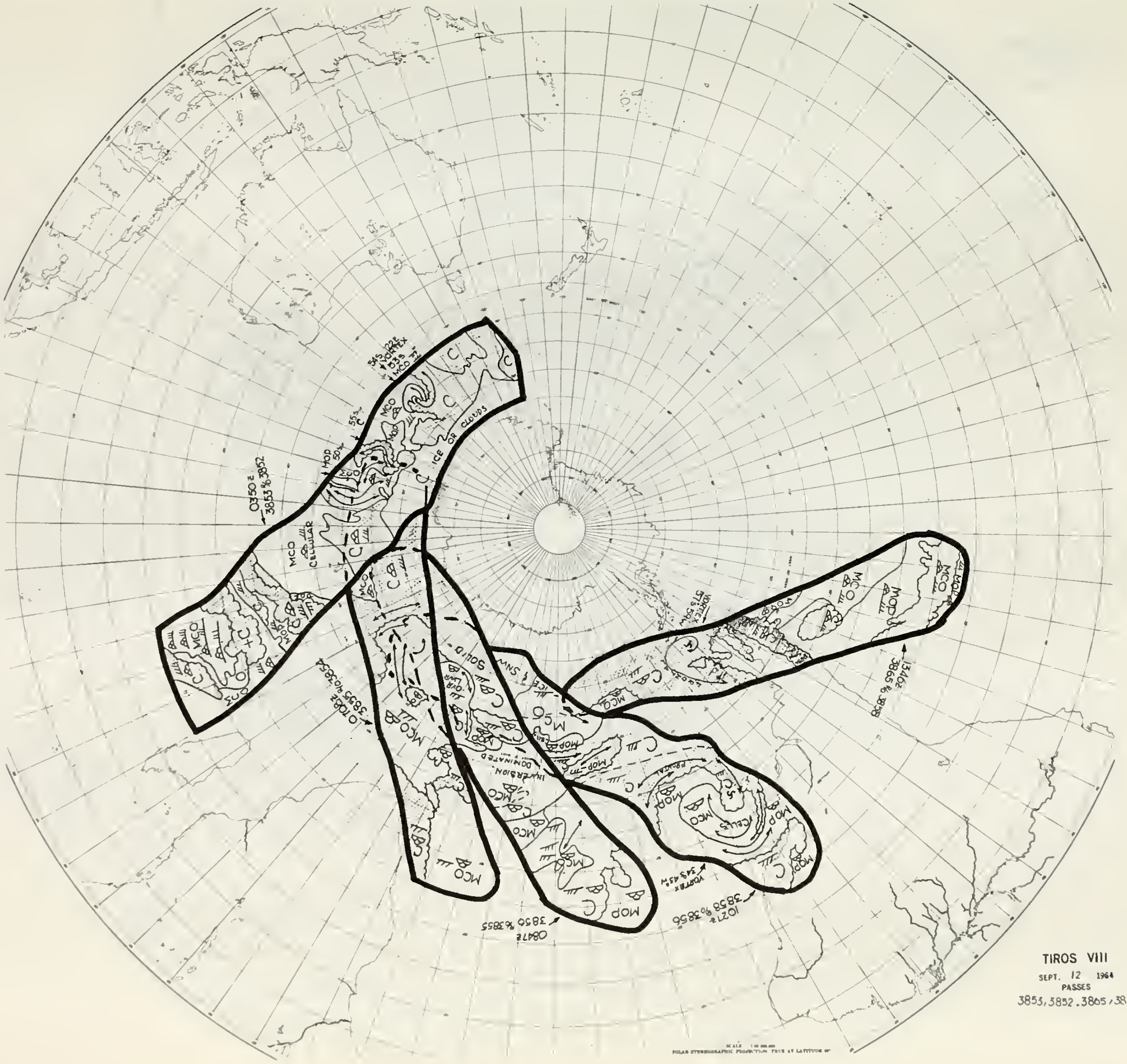
3810/3808- 3822/3815


3823¼ 3822
0204 Z
CIRC PATTN
180°E
MCO
CELLULAR
FRONTAL
MOP
C
3825¼ 3823
0345 Z
3826¼ 3825
0701 Z
MCO
97°E
CELLS
3827¼ 3826
0842 Z
INVERSION
DOMINATED
3829¼ 3827
1020 Z
MCO
CELLS
MOP
ISLTD
MCO
INVERSION
DOMINATED

TIROS VIII
SEPT. 10 , 1964
PASSES
3823/3822 . 3829/3827

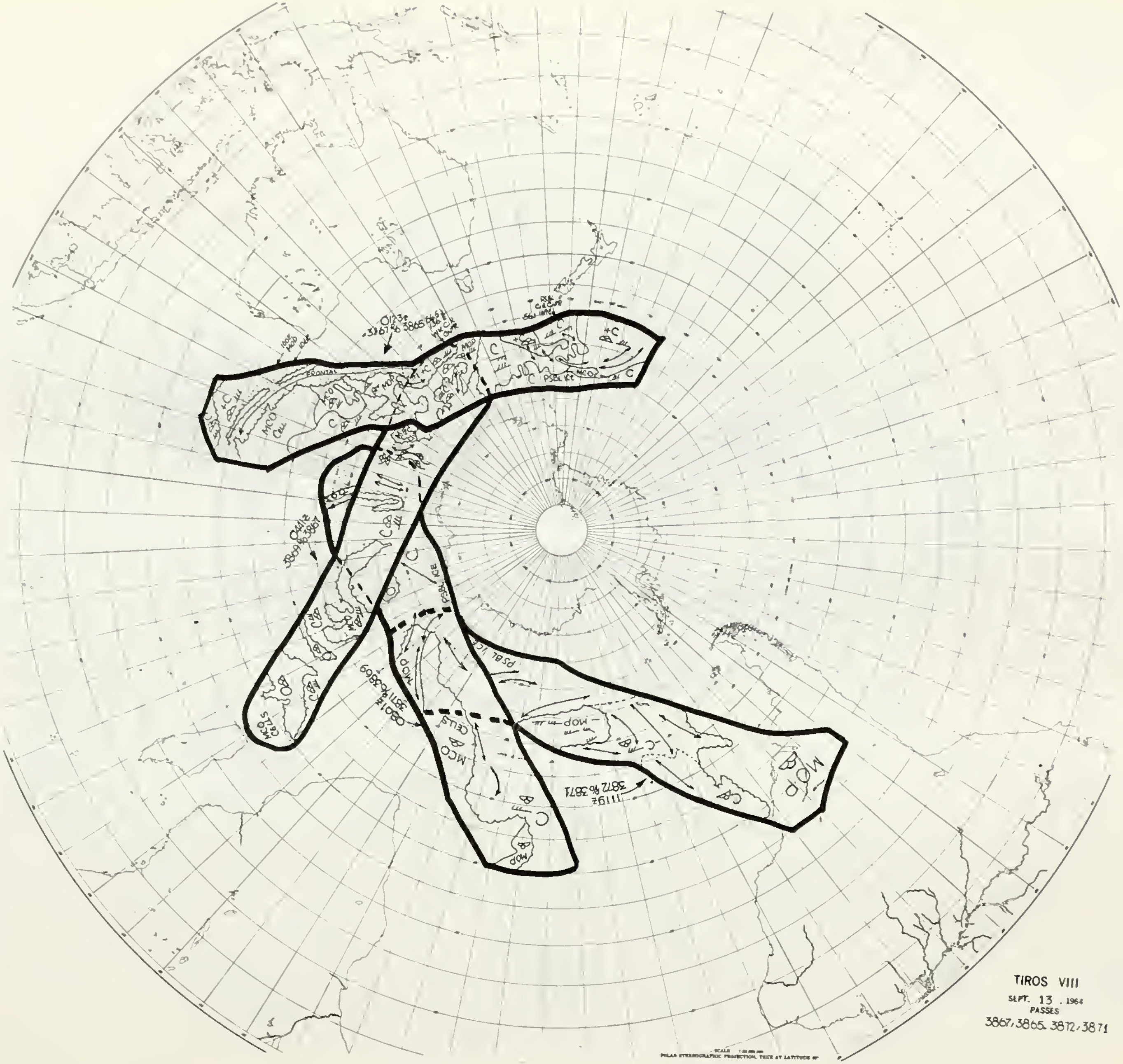

3838N/3836
0117 Z
3837N/3838
0436 Z
3844N/3841
0235 Z
3852N/3844
1432 Z
3841N/3840
0754 Z
MCO
MOP
C
FRONTAL
CELLULAR
CELLS
PSBL ICE
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
SEPT. 11, 1964
PASSES
3838/3836-3852/3844

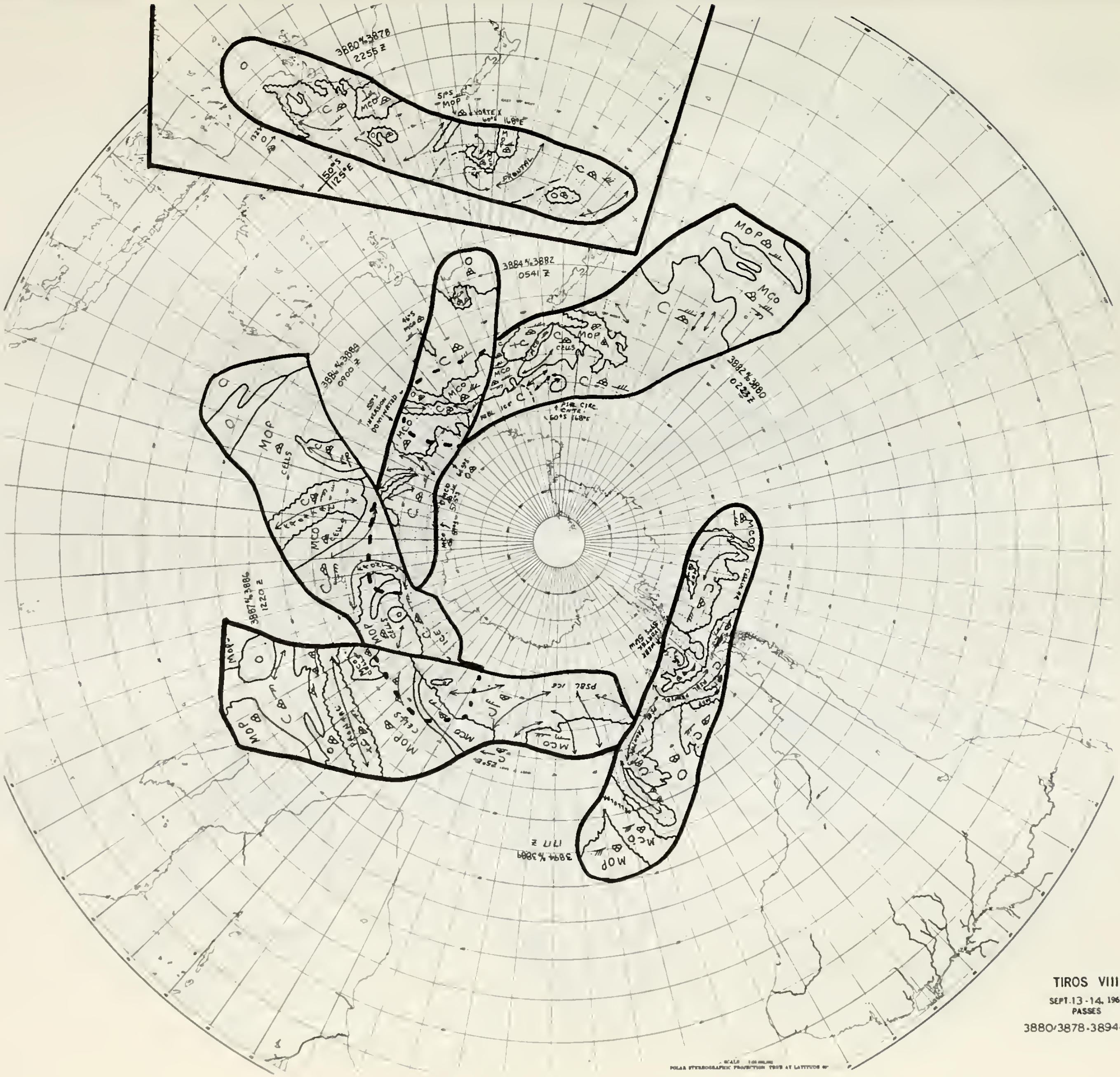


0350 Z
3853 to 3852
MOP 50S
55S C
54S 122E VORTEX
53S MCO
MCO
CELLULAR
ICE OR CLOUDS
0702 Z
3855 to 3854
SOLID
ICE 1 SNW
MCO
INVERSION DOMINATED
FRONTAL
CELLS
MOP
C
0847 Z
3850 to 3855
1027 Z
3858 to 3856
VORTEX 34S 45W
VORTEX 57S 59W
1346 Z
3865 to 3858
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

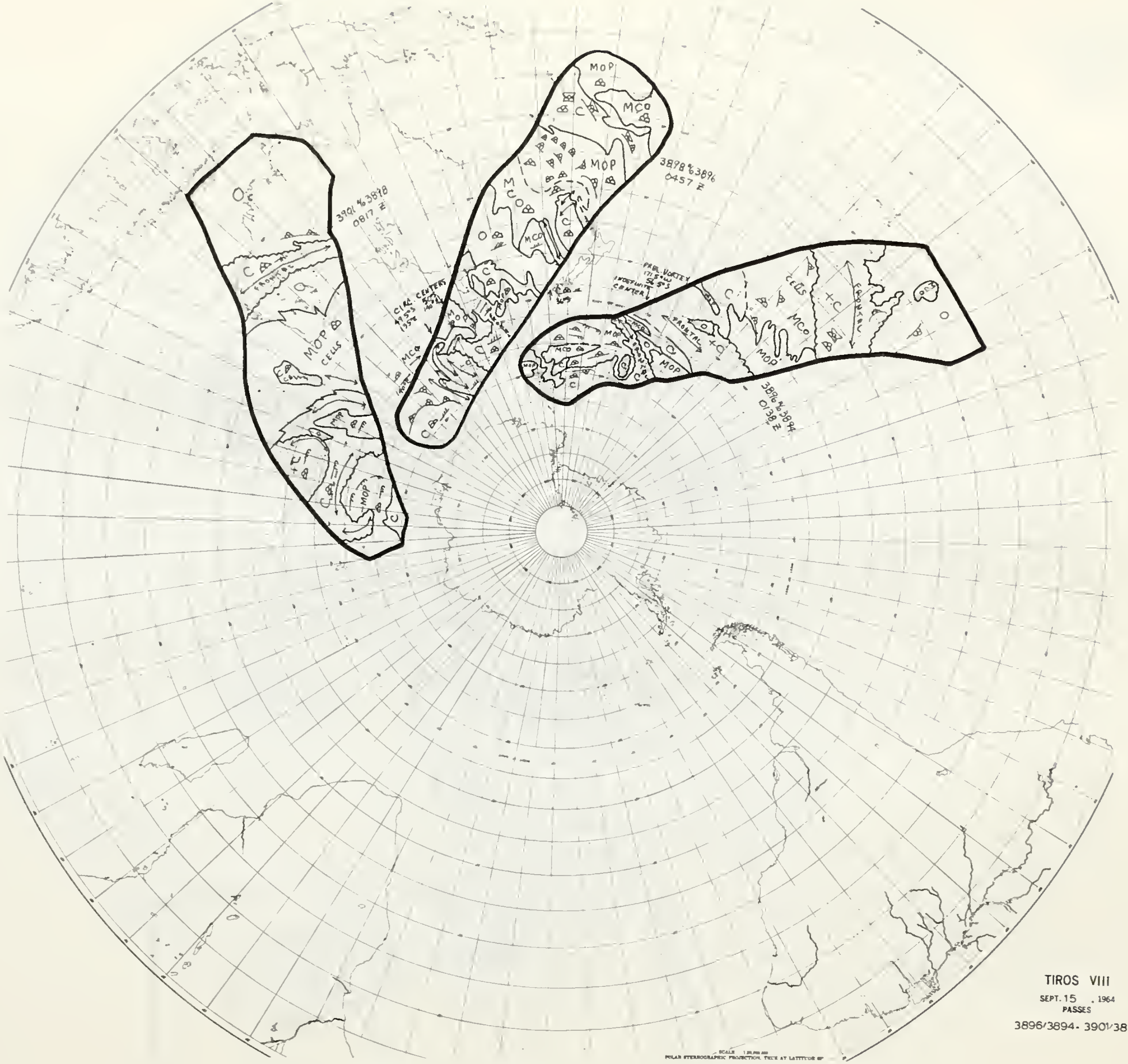
TIROS VIII
SEPT. 12 1964
PASSES
3853, 3852, 3865, 3858


0123z
3867 to 3865
0651z
WK CLR
OVR
100% MOD
100%
FRONTAL
MCO CELL
PSBL ICE
PSBL
CLR OVR
SOLID ICE
MOD
MCO
C
+C
0441z
3869 to 3867
0801z
3871 to 3869
MOP
MCO CELLS
PSBL ICE
1119z
3872 to 3871
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
SEPT. 13, 1964
PASSES
3867, 3865, 3872, 3871

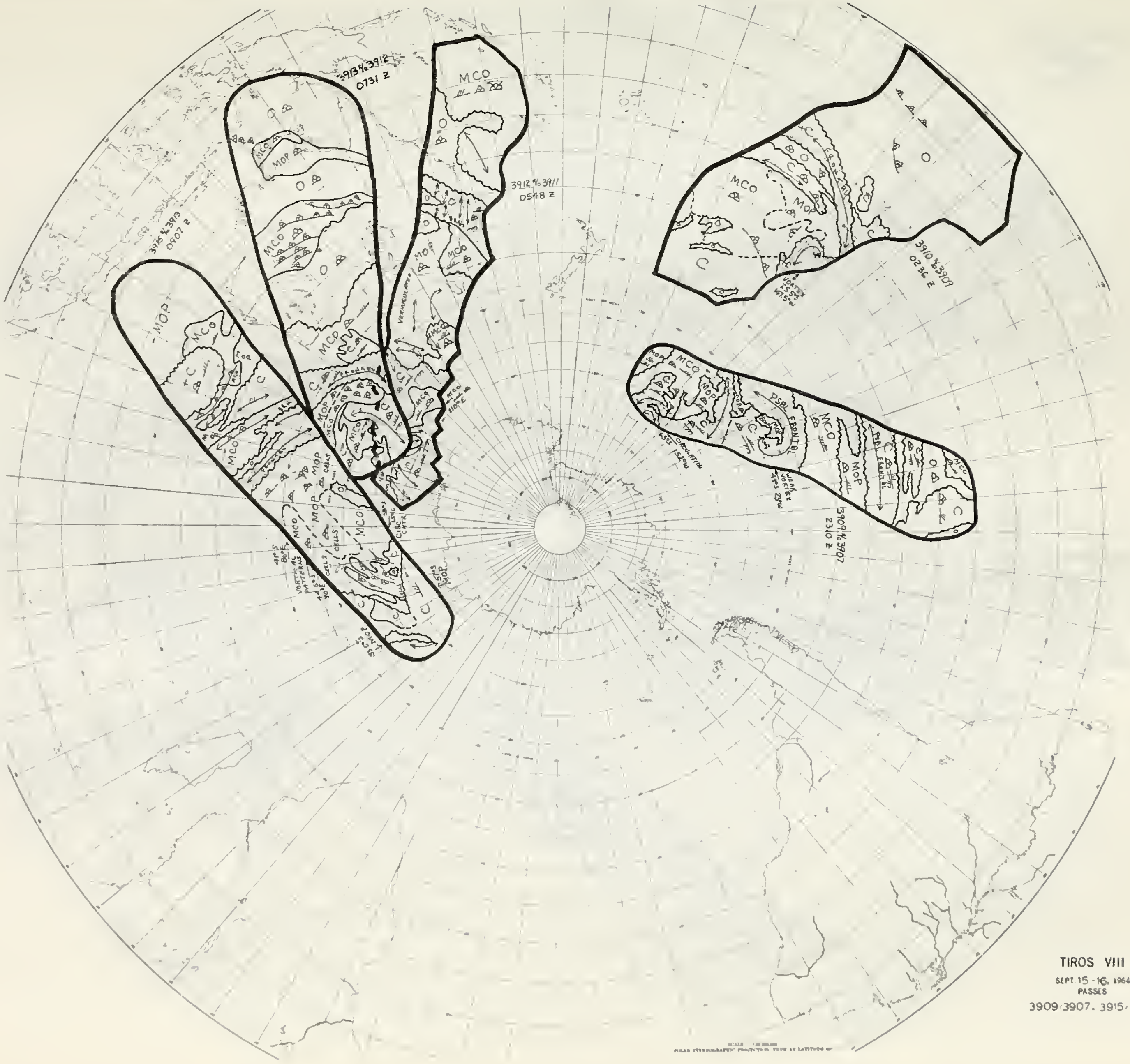

3880 & 3878
2255 Z
50°S
125°E
5°S
MOP
VORTEX
60°S 168°E
FRONTAL
MCO
C
O
3884 & 3882
0541 Z
3882 & 3880
0223 Z
MOP
MCO
CELLS
PSR. CIRC.
CNTR.
60°S 168°E
NEW ICE
3886 & 3884
0900 Z
INVERSION
DOMINATED
3887 & 3886
1220 Z
CELLS
FRONTAL
ICE
PSBL ICE
3894 & 3889
1117 Z
WEAK
VORTEX
CELLULAR
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII
SEPT. 13-14, 1964
PASSES
3880/3878-3894/3889

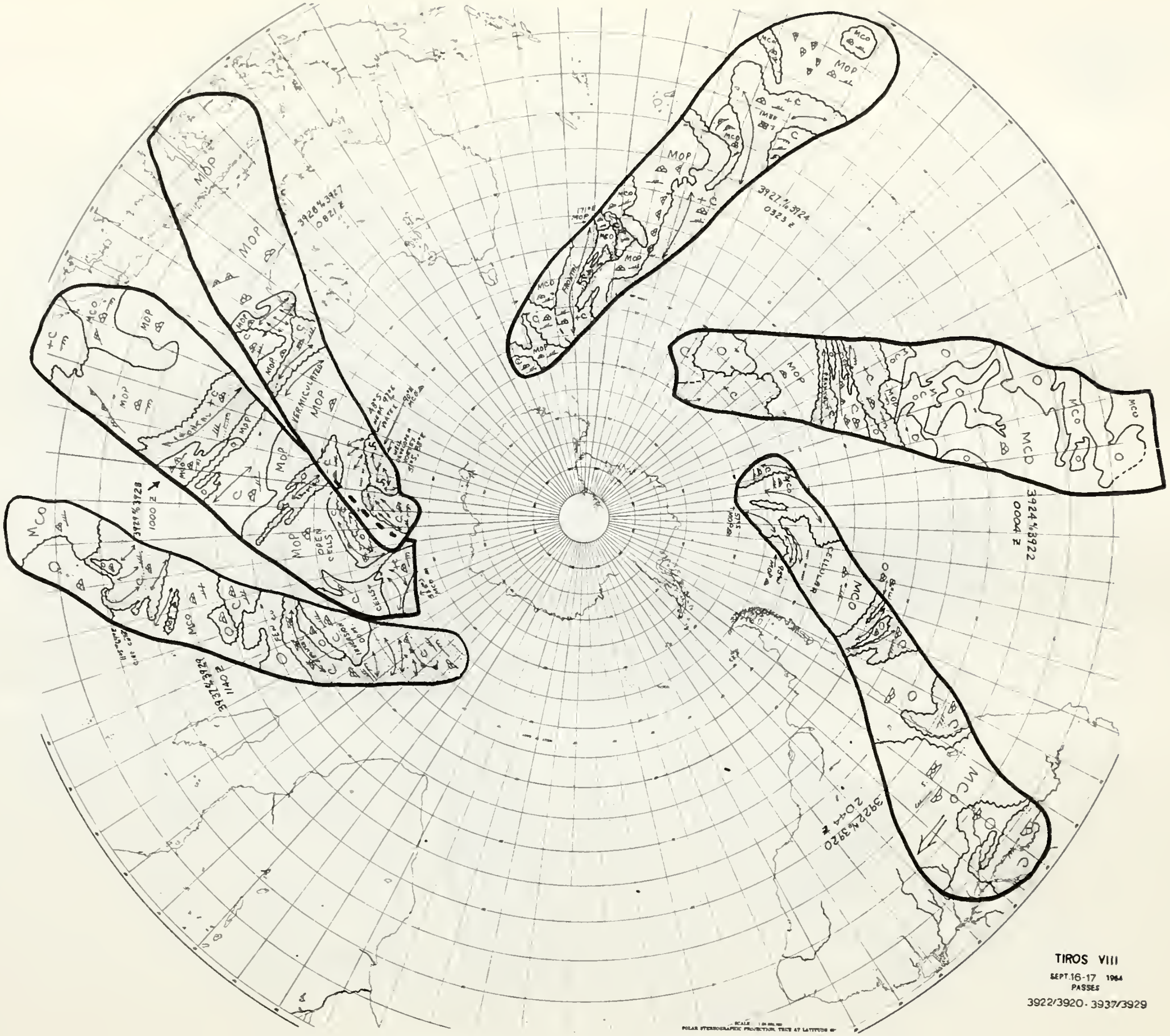

3901 & 3898
0817 Z
3898 & 3896
0457 Z
3896 & 3894
0138 Z
CIRC. CENTERS
49.5°S 50°S
135°E 140°E
PROB. VORTEX
171.5°W
56.5°S
INDEFINITE CENTER
FRONTAL
MOP
MCO
CELLS
C
O

TIROS VIII
SEPT. 15 . 1964
PASSES
3896/3894 - 3901/3898

SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

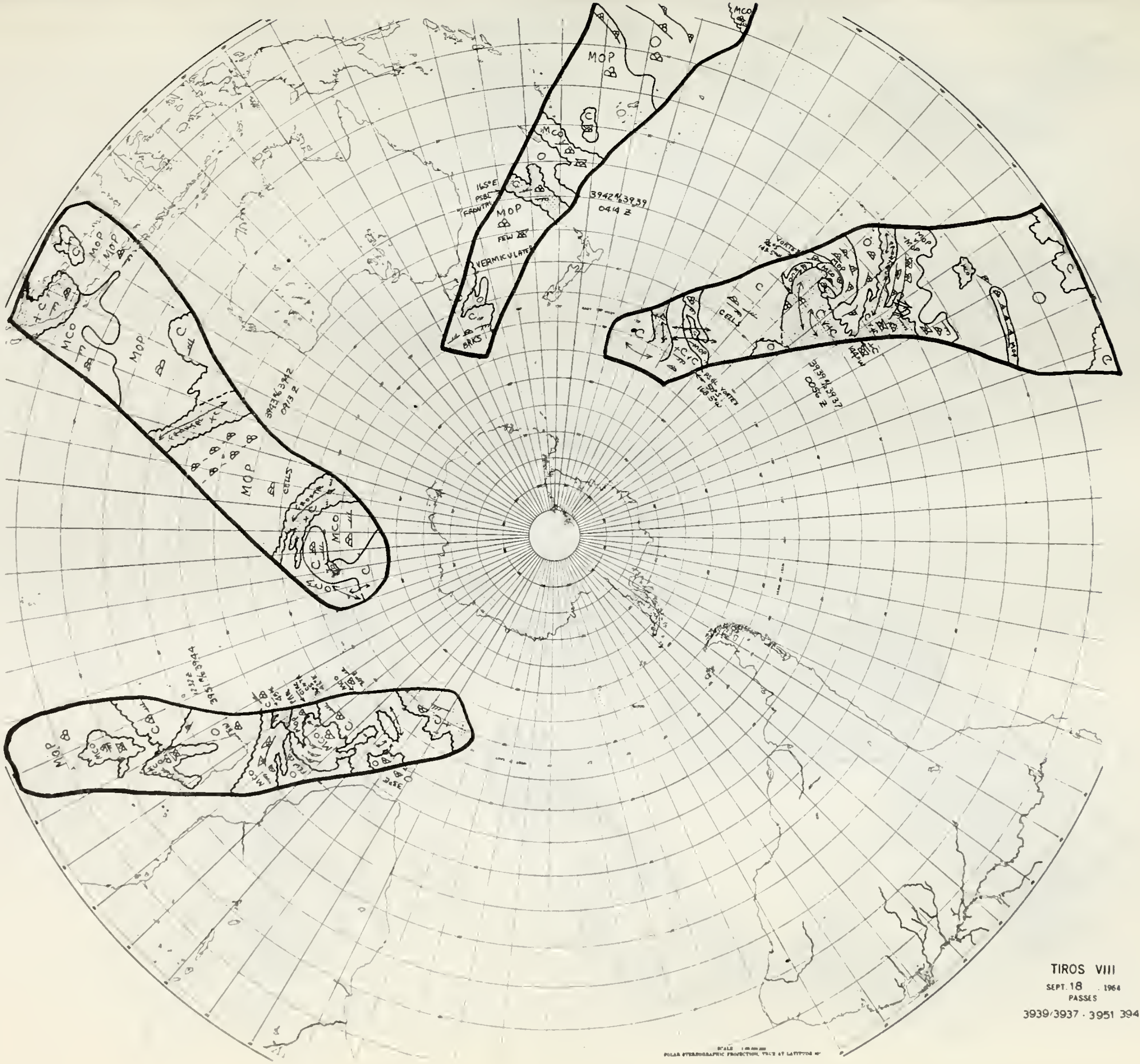

3915 to 3913
0907 Z
3913 to 3912
0731 Z
3912 to 3911
0548 Z
3910 to 3909
0236 Z
3909 to 3907
2310 Z
MCO
MOP
O
C
FRONTAL
PSBL FRONTAL
VORTEX 25°S 47.5°W
WEAK VORTEX 47°S 23°W
CIRCULATION 45°S 152°W
VERMICULATED
MCO 110°E
CELLS
CIRC CNTR
VORTICAL PATTERNS
44°S 90°E
41°S 86°E
57°S MOP
55°S MOP

TIROS VIII
SEPT. 15-16, 1964
PASSES
3909/3907, 3915/3913



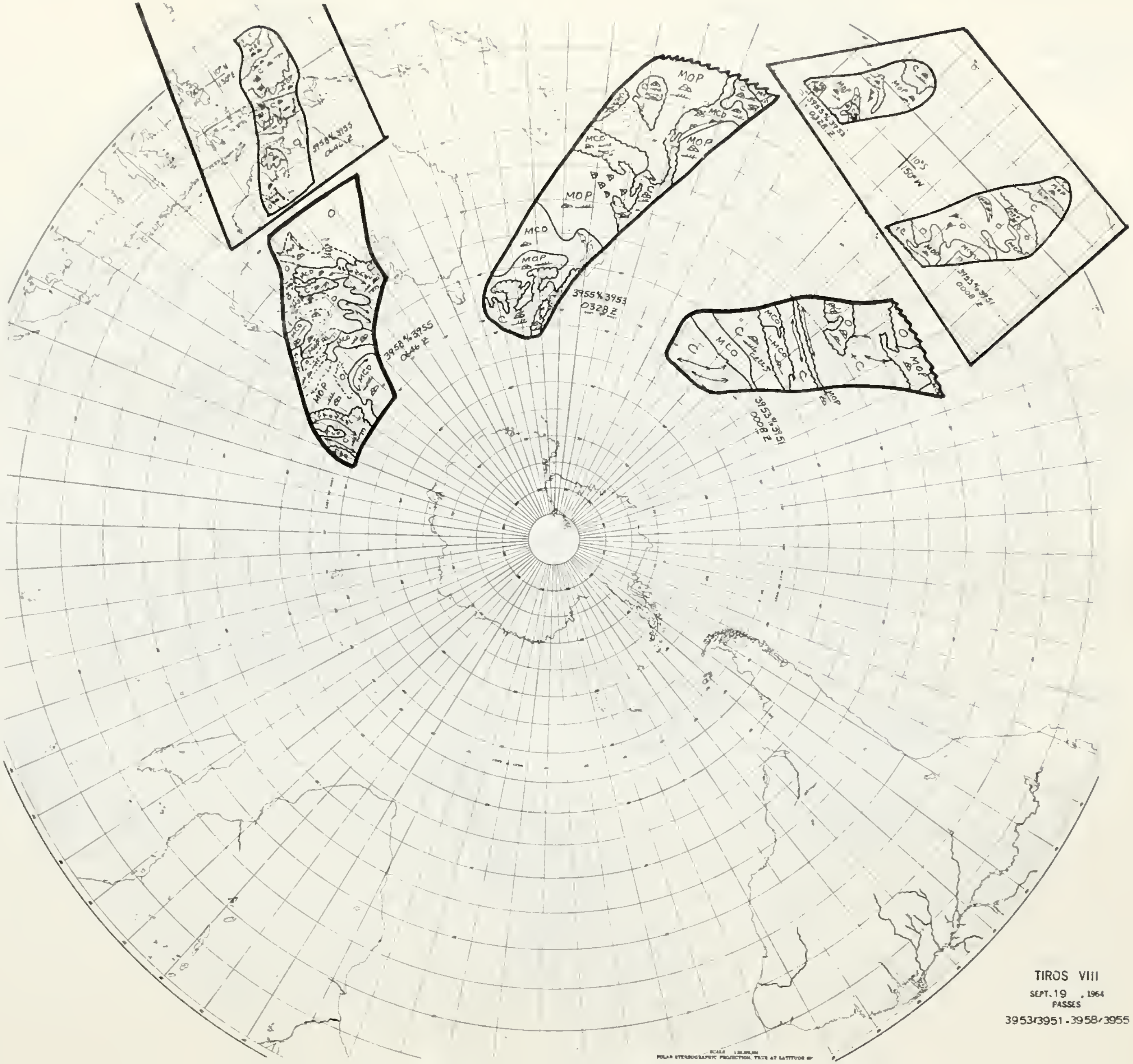
3924 & 3922
0004 Z
3922 & 3920
2044 Z
3927 & 3924
0323 Z
3928 & 3927
0821 Z
3929 & 3928
1000 Z
3937 & 3929
1140 Z
MCO
MOP
CELLULAR
VERMICULATED
OPEN CELLS
FRONTAL
C
+C
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

TIROS VIII
SEPT. 16-17 1964
PASSES
3922/3920 - 3937/3929


MCO
MOP
3942N/3939
0414 Z
165°E
PSBL
FRONTAL
FEW
VERMICULATED
BRKS
VORTEX
CELL
C/C
PSBL VORTEX
168.5°W
3939N/3937
0056 Z
MOP
3942N/3942
0913 Z
FRONTAL
CELLS
3951N/3944
1232 Z
32°E
C
O

TIROS VIII
SEPT. 18 . 1964
PASSES
3939/3937 · 3951 3944

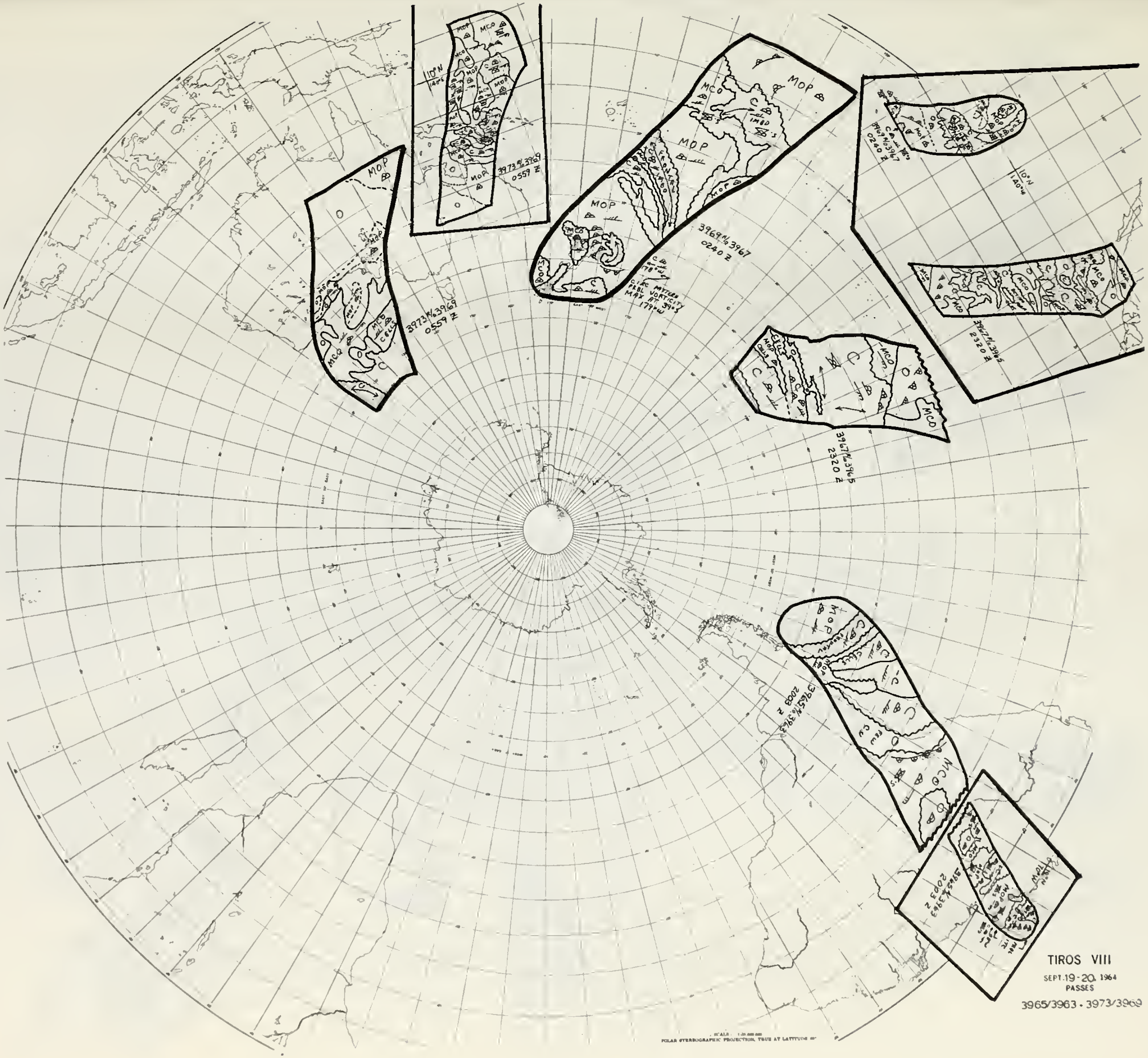
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]


MOP
MCO
C
O
L-MCO
CELLS
10°S
150°W
3958/3955
0646 Z
3955/3953
0328 Z
3953/3951
0008 Z

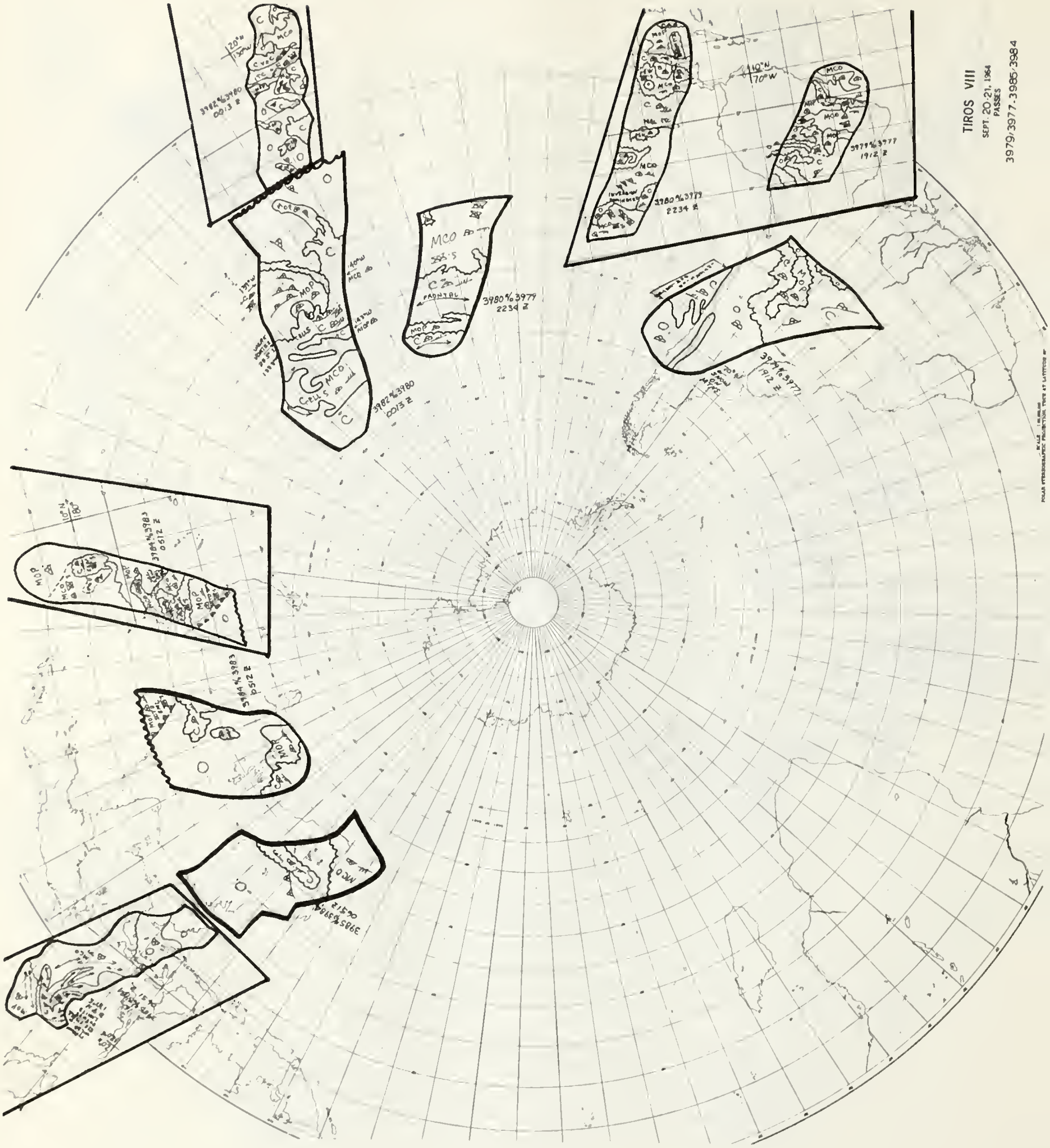
TIROS VIII

SEPT. 19 , 1964
PASSES
3953/3951 . 3958/3955

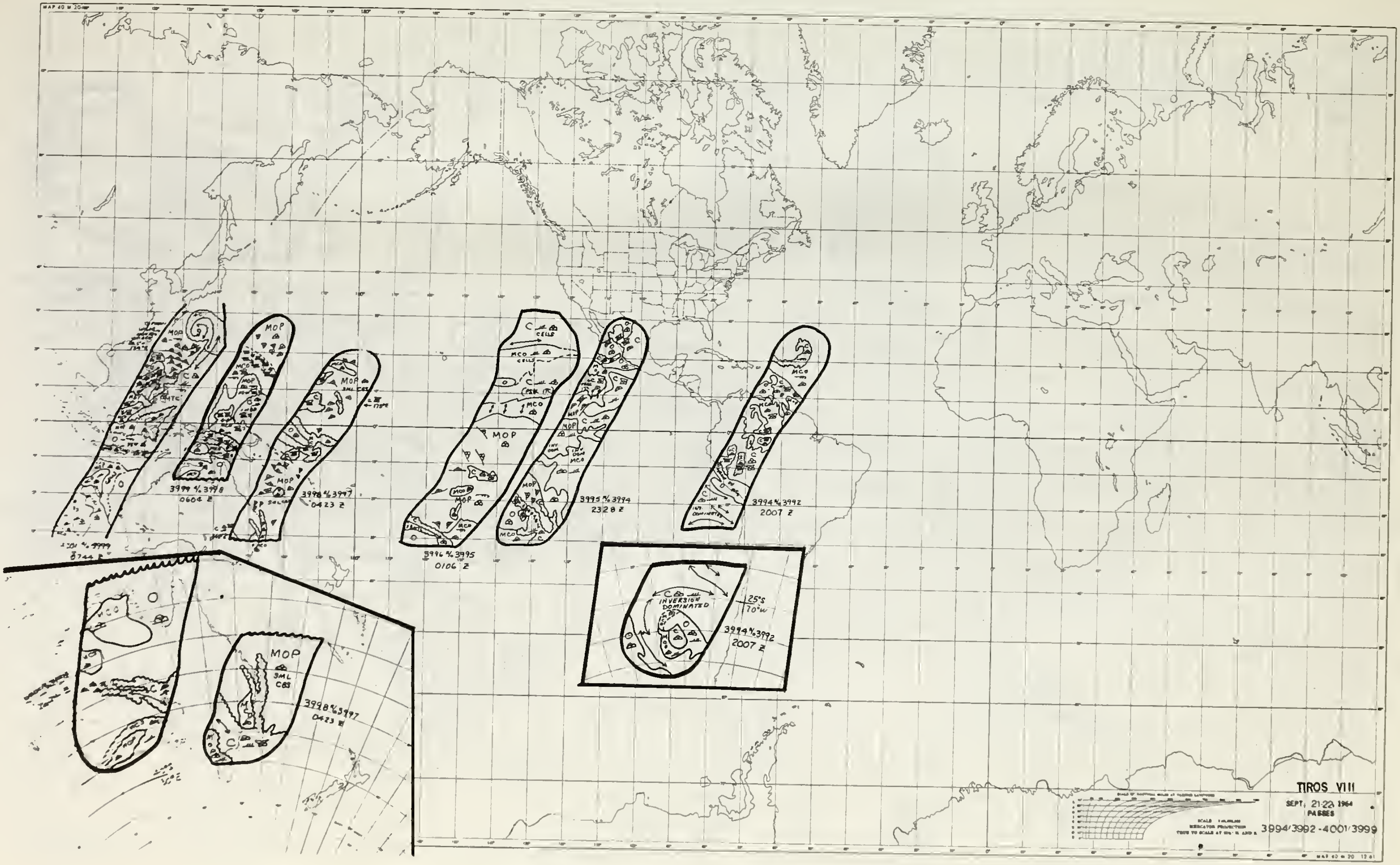
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

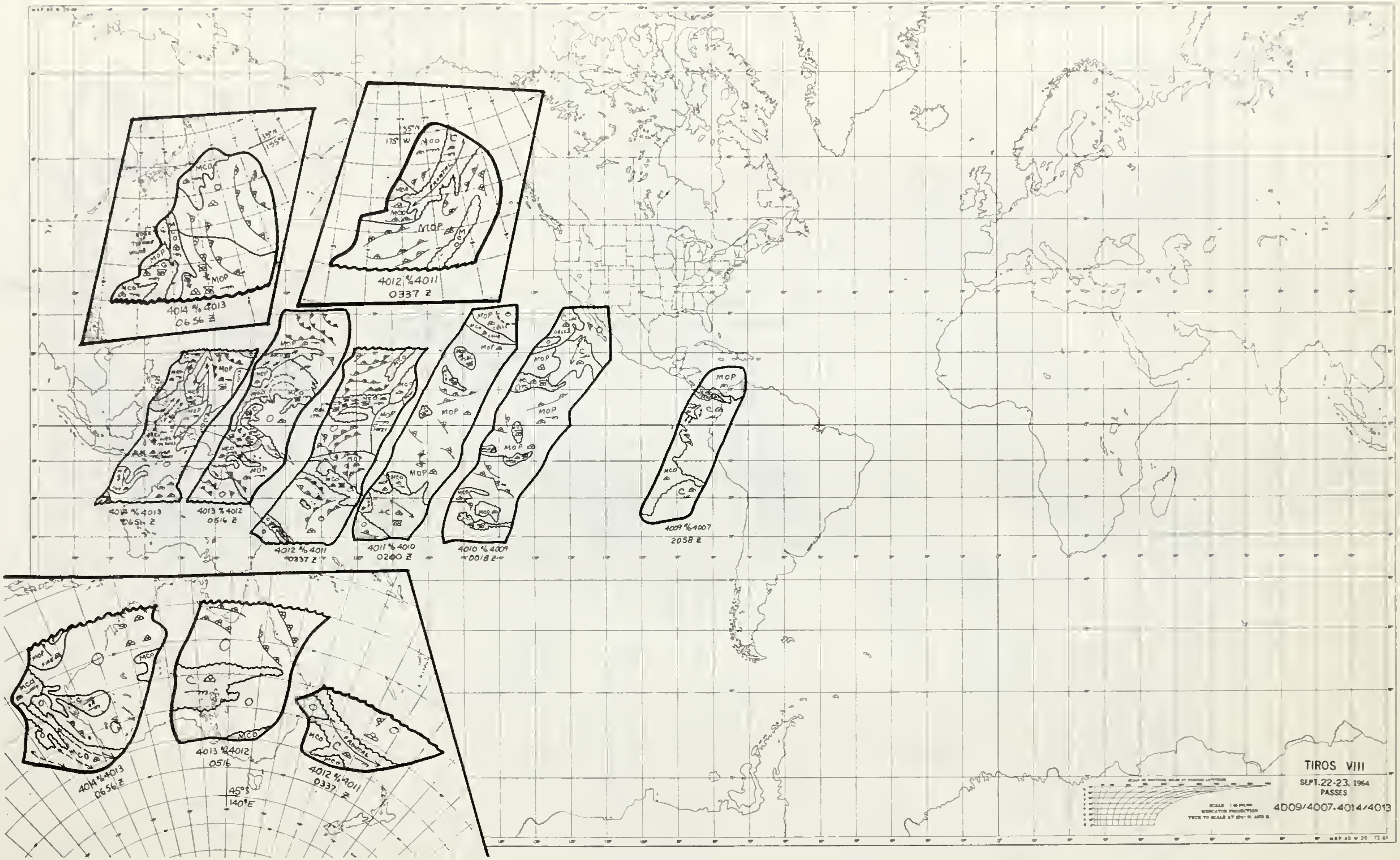

3973/3969 0559 Z
10°N 140°E
MOP
MCO
CELLS
3969/3967 0240 Z
CIRC PATTERN PRBL VORTICITY MAX AT 39°S 179°W
178°W
CENTRAL MOD
10°N 140°W
3967/3965 2320 Z
3965/3963 2003 Z
FEW CU
3965/3963 2023 Z
10°N 70°W
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

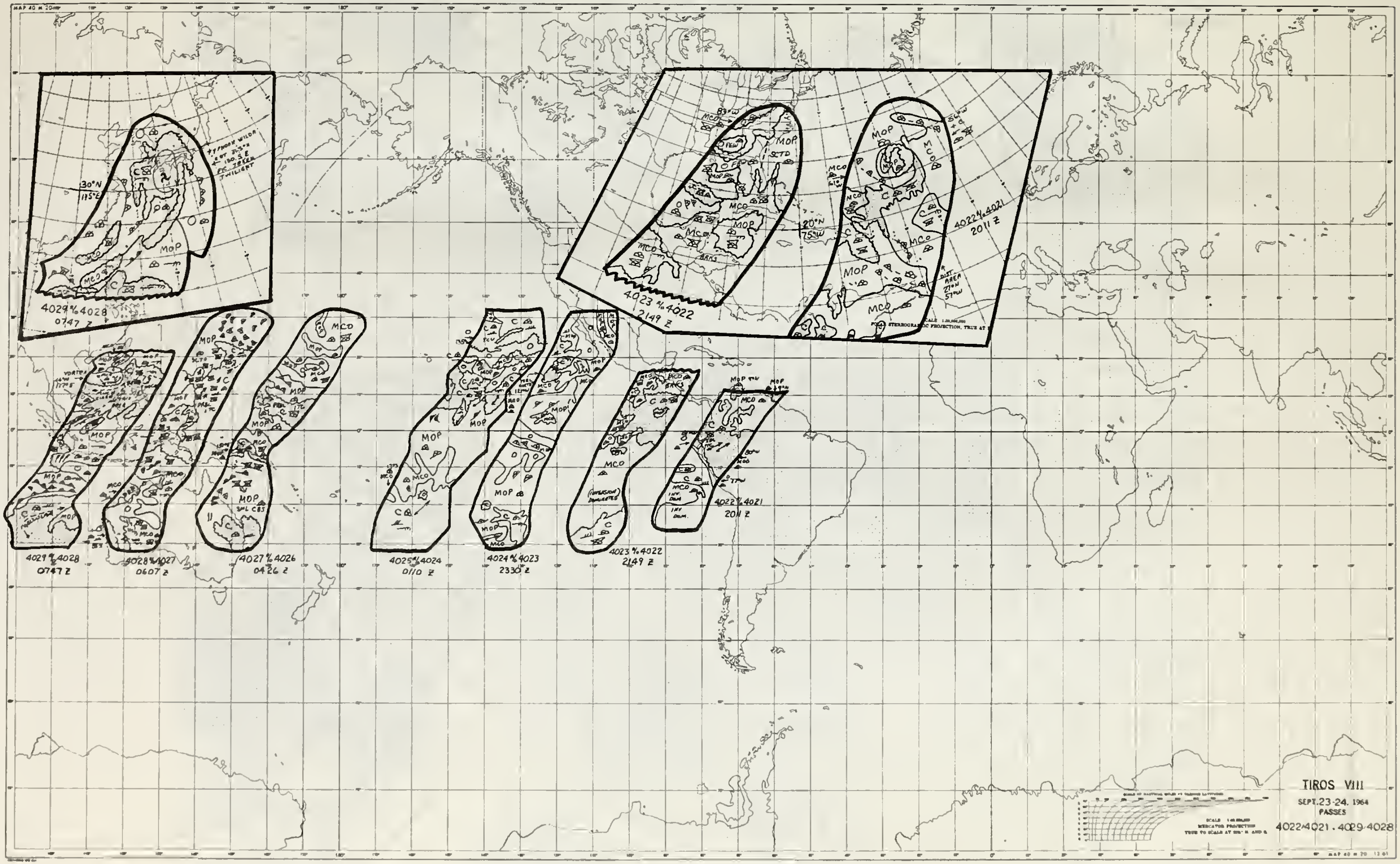
TIROS VIII
SEPT. 19-20, 1964
PASSES
3965/3963 - 3973/3969


20°N
130°W
3982/3980
0013 Z
MCO
MOP
C
CELLS
3982/3980
0013 Z
MCO
FRONTAL
3980/3979
2234 Z
10°N
70°W
3980/3979
2234 Z
3979/3977
1912 Z
3979/3977
1912 Z
10°N
180°
MOP
MCO
3984/3983
0512 Z
3984/3983
0512 Z
MOP
MCO
3985/3984
0312 Z

TIROS VIII
SEPT. 20-21, 1964
PASSES
3979/3977, 3985/3984


TIROS VIII
SEPT. 21-22 1964
PASSES
3994/3992-4001/3999
3994 R/O 3992
2007 Z
3995 R/O 3994
2328 Z
3996 R/O 3995
0106 Z
3998 R/O 3997
0423 Z
3999 R/O 3998
0604 Z
4001 R/O 3999
0744 Z
25°S
70°W
INVERSION DOMINATED
MOP
MCO
C
CELLS
SML CBS
SCALE 1:40,000,000
MERCATOR PROJECTION
TRUE TO SCALE AT 22½° N AND S
MAP 40 M 20

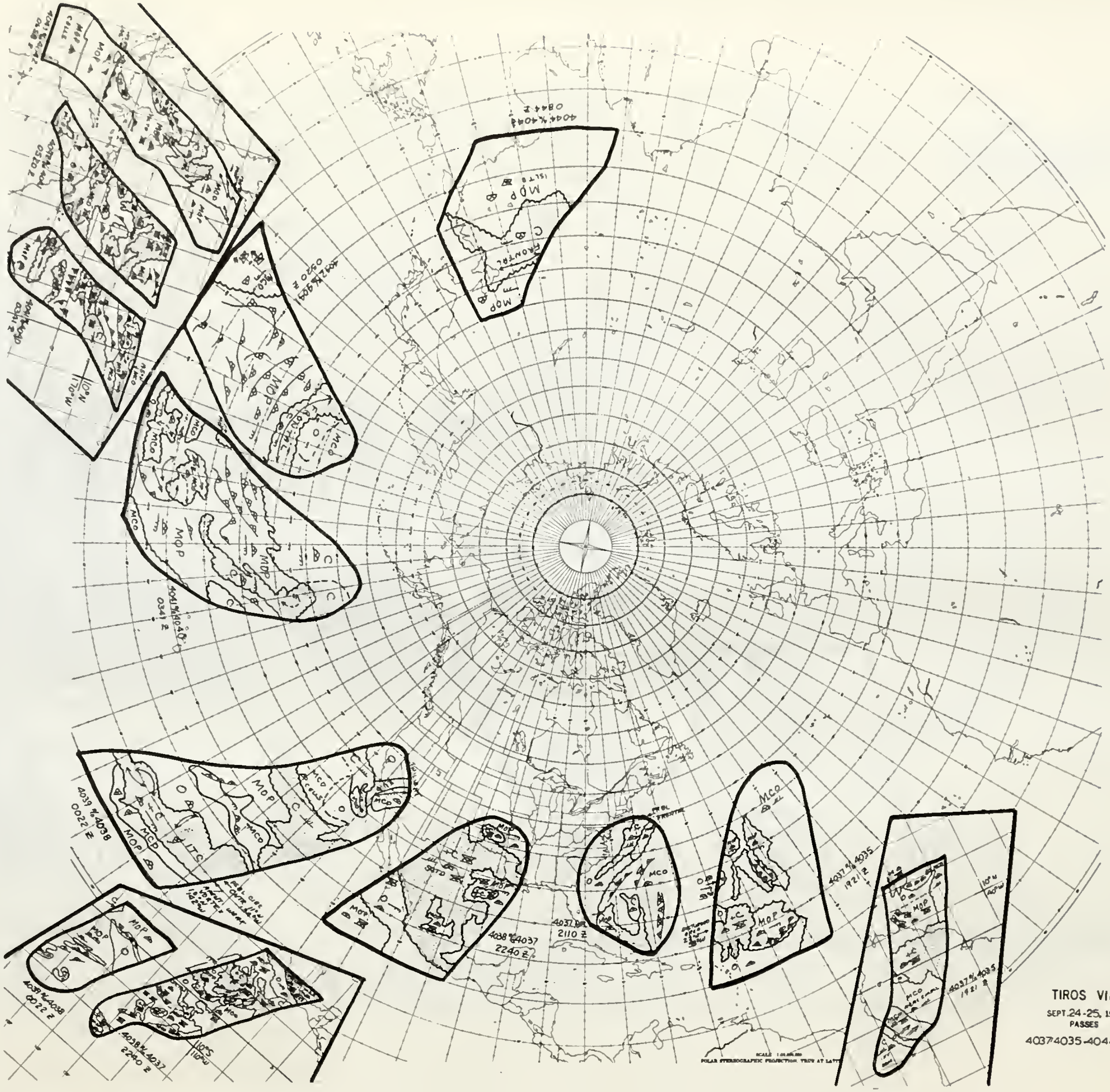

4014 % 4013
0656 Z
35°N
155°E
MCO
MOP
4012 % 4011
0337 Z
35°N
175°W
MCO
C
MOP
FRONTAL
4014 % 4013
0656 Z
4013 % 4012
0516 Z
4012 % 4011
0337 Z
4011 % 4010
0200 Z
4010 % 4009
0018 Z
4009 % 4007
2058 Z
MOP
MCO
C
4014 % 4013
0656 Z
4013 % 4012
0516
4012 % 4011
0337 Z
45°S
140°E
TIROS VIII
SEPT. 22-23, 1964
PASSES
4009/4007-4014/4013



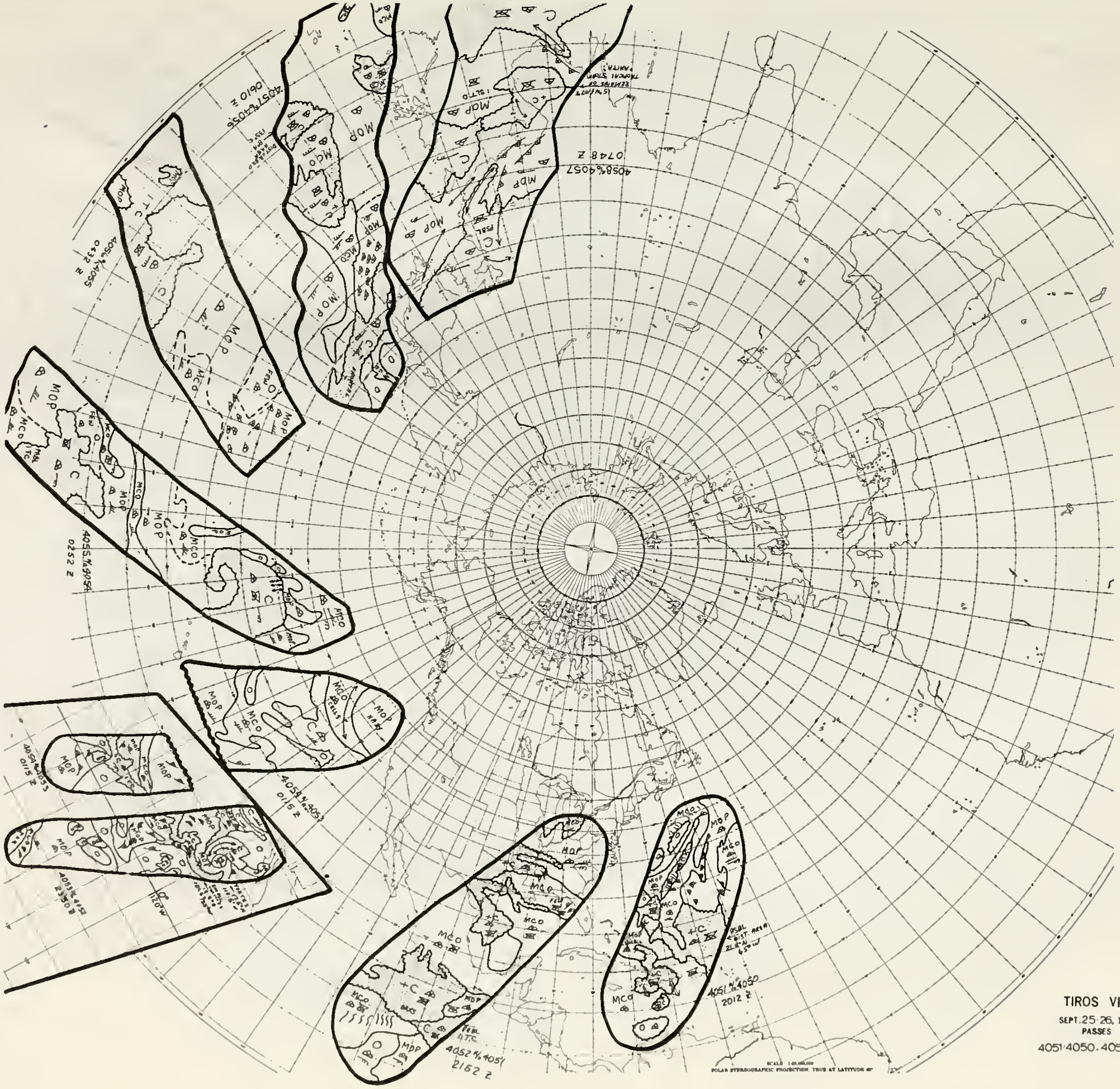
TIROS VIII

SEPT. 23-24, 1964
PASSES
4022-4021 . 4029-4028

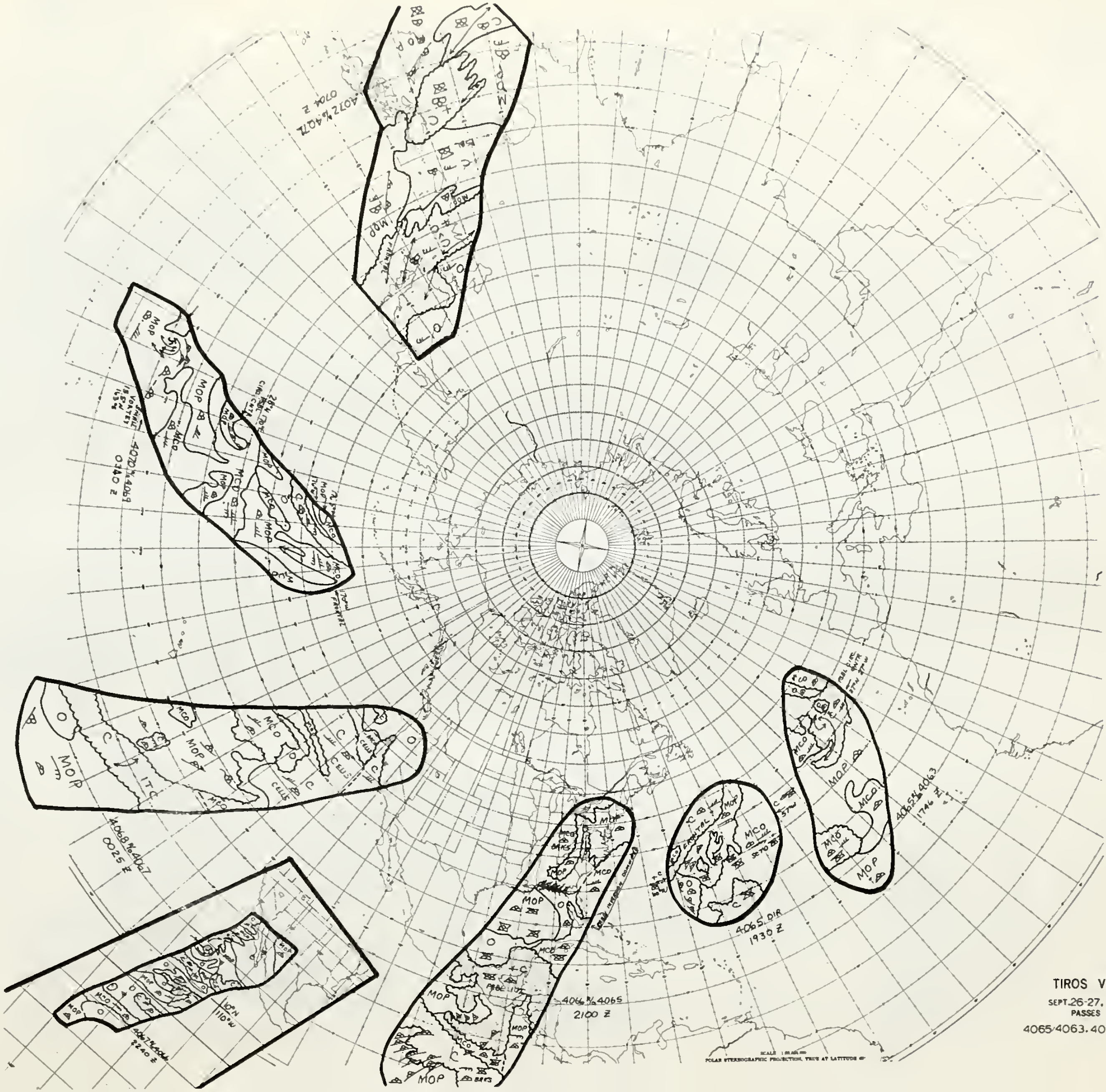
MAP 40 H 20
4029 & 4028
0747 Z
30°N
115°E
4023 & 4022
2149 Z
4022 & 4021
2011 Z
20°N
75°W
MOP
MCO
C
4029 & 4028
0747 Z
4028 & 4027
0607 Z
4027 & 4026
0426 Z
4025 & 4024
0110 Z
4024 & 4023
2330 Z
4023 & 4022
2149 Z
4022 & 4021
2011 Z
SCALE 1:40,000,000
MERCATOR PROJECTION
POLAR STEREOGRAPHIC PROJECTION, TRUE AT


4044/4043
0844 Z
MOP
C
FRONTAL
4042/4041
0520 Z
MCO
MOP
4041/4040
0341 Z
4041/4042
0658 Z
CELLS
10°N
170°W
4039/4038
0022 Z
ITC
MCO CELLS
4038/4037
2240 Z
4037/4036
2110 Z
MCO
4037/4035
1921 Z
10°N
70°W
10°S
110°W
POLAR STEREOGRAPHIC PROJECTION TRUE AT LAT

TIROS VIII
SEPT. 24-25, 1964
PASSES
4037/4035-4044/4043


4058 N/O 4057
0748 Z
4057 N/O 4056
0610 Z
4056 N/O 4055
0432 Z
4055 N/O 4054
0252 Z
4054 N/O 4053
0115 Z
4053 N/O 4052
2330 Z
4052 N/O 4051
2152 Z
4051 N/O 4050
2012 Z
MOP
MCO
MDP
C
+C
FEW
ITC
CELLS
FRONTAL
120°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
SEPT. 25-26, 1964
PASSES
4051·4050. 4058 4057

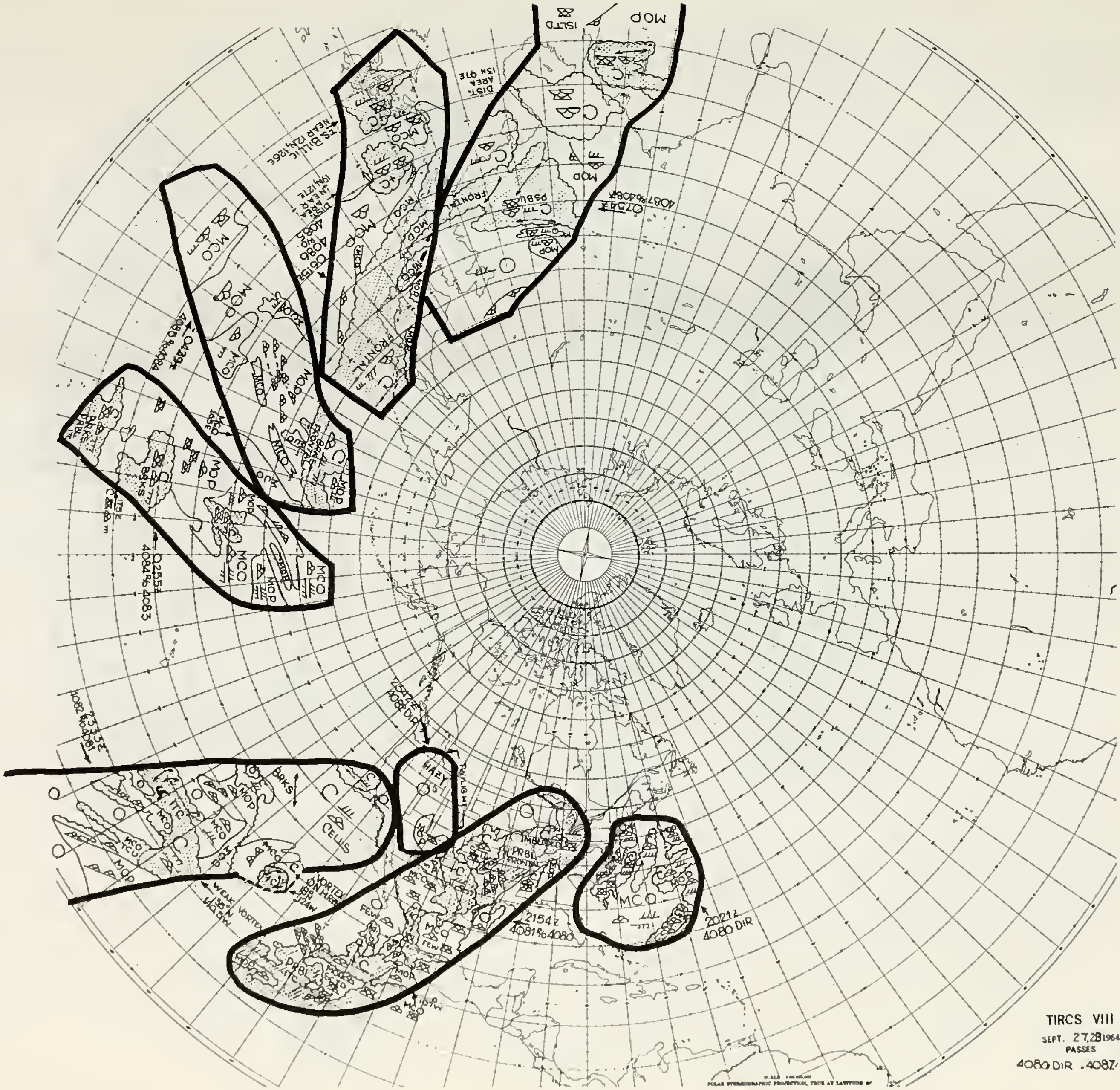

4072/4071
0704 Z
4070/4069
0340 Z
SMALL VORTEX
18°N
163°E
28°N 170°E
POSBL CIRC CNTR
FRONTAL
4068/4067
0025 Z
ITC
CELLS
MOP
MCO
4067/4066
2240 Z
10°N
110°W
4066/4065
2100 Z
4065 DIR
1930 Z
4065/4063
1746 Z
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

SEPT. 26-27, 1964

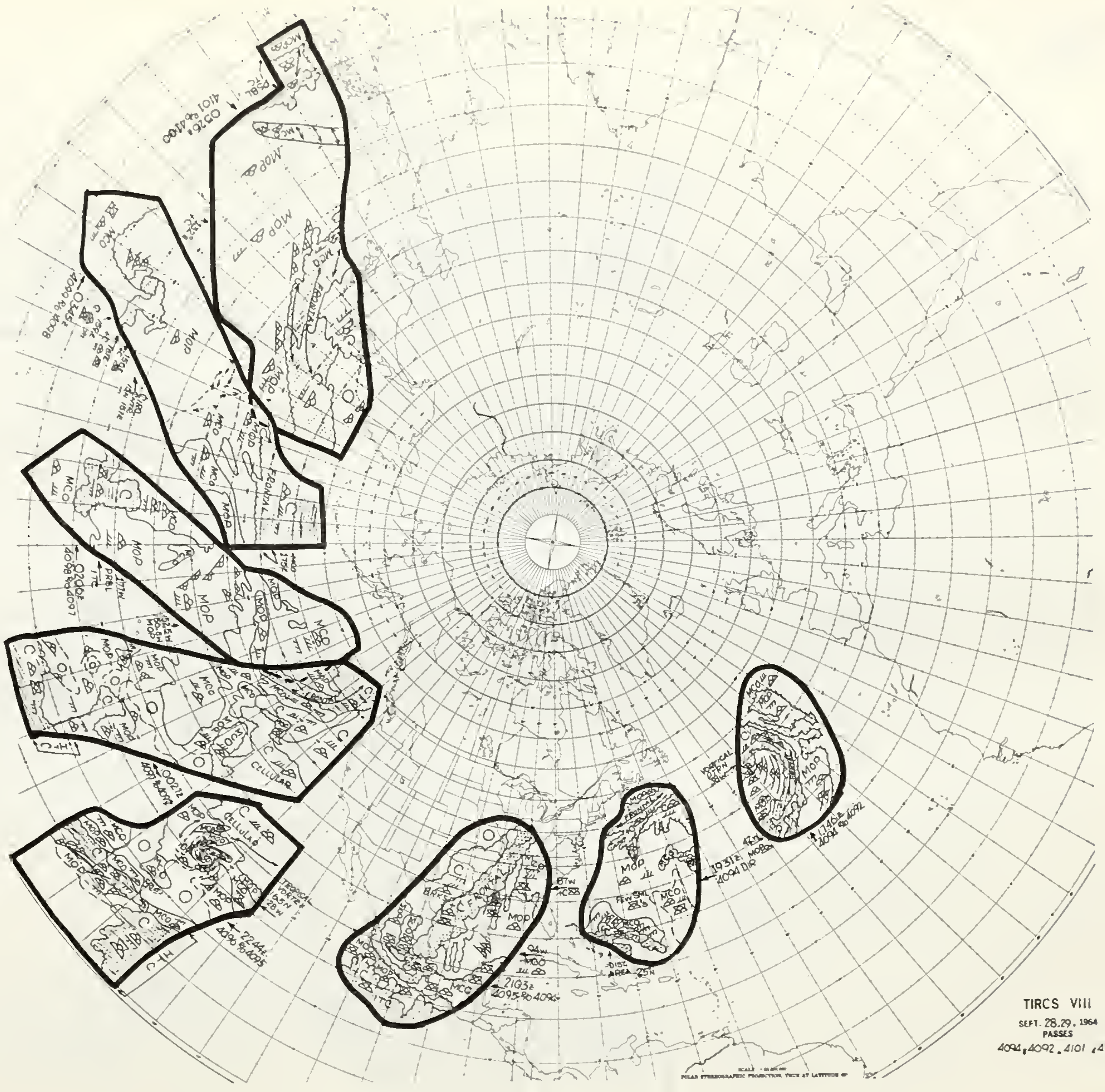
PASSES

4065/4063. 4072/4071



MOP
MCO
C
ISLTD
DIST. AREA 13N 97E
0754Z 4087 R/O 4086
PSBL
FRONTAL
T.S. BILLIE NEAR 12N, 126E
DIST. AREA NEAR 19N, 127E
0615Z 4086 R/O 4085
0429Z 4085 R/O 4084
BRKS
0255Z 4084 R/O 4083
2154Z 4082 DIR
TWILIGHT
HAZY
2333Z 4082 R/O 4081
CELLS
VORTEX ON HRCN
WEAK VORTEX 15N 140W
ITC
TCU
IMBEDDED
PRBL FRONTAL
FEW
2154Z 4081 R/O 4080
2021Z 4080 DIR
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIRCS VIII
SEPT. 27,28 1964
PASSES
4080 DIR . 4087/408[illegible]



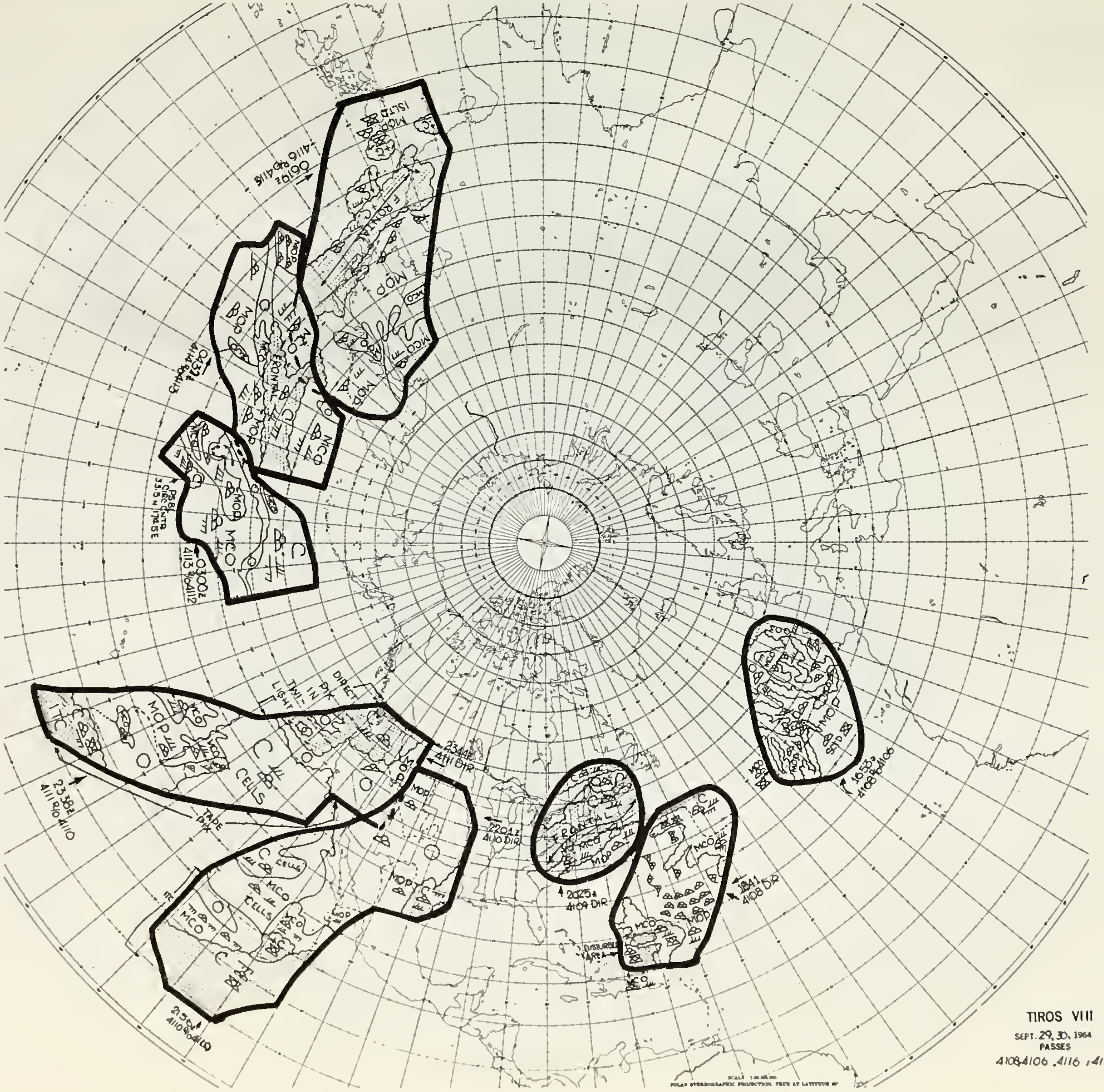
TIRCS VIII

SEPT. 28,29, 1964

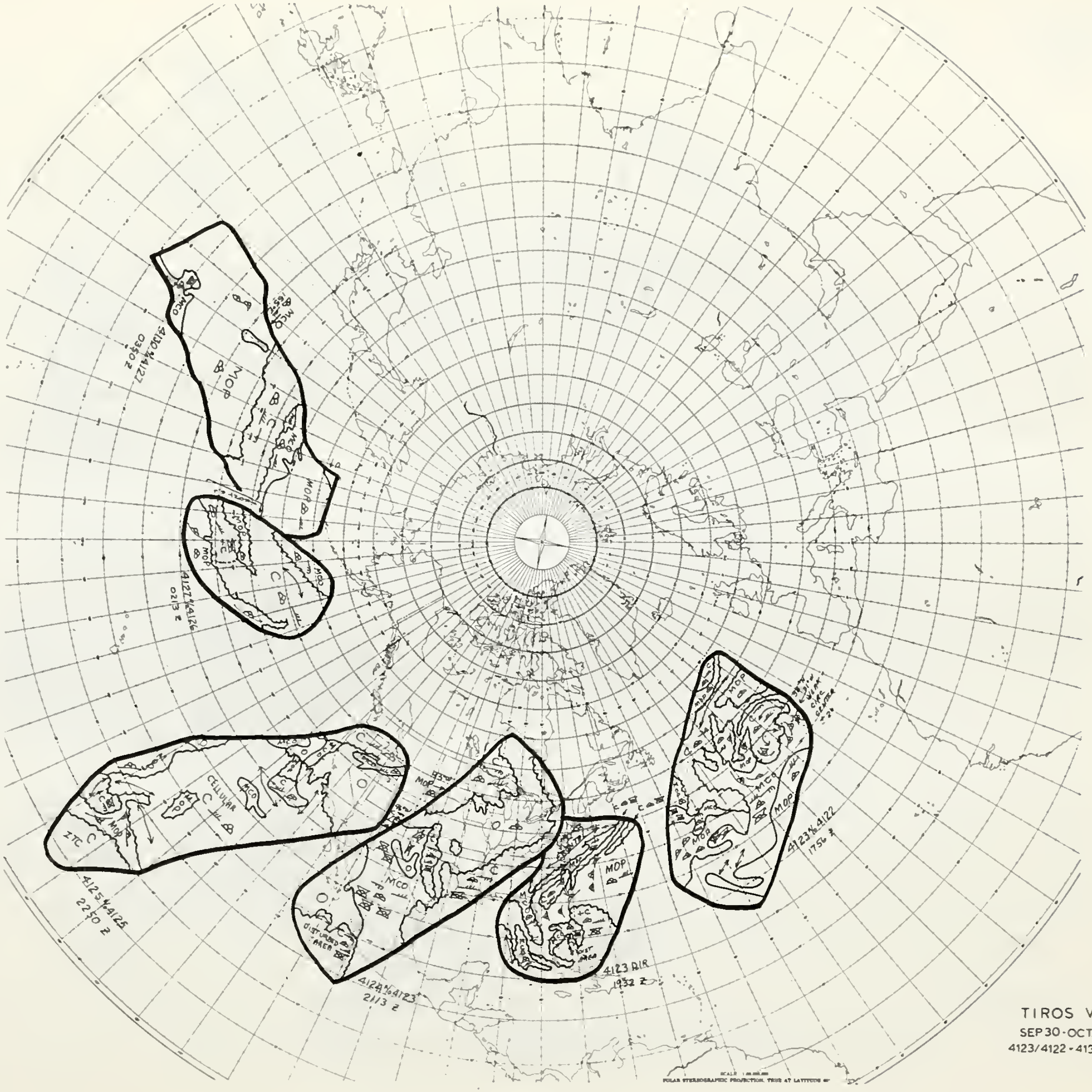
PASSES

4094, 4092, 4101, 4100

0526z
4101 to 4100
PRBL
MOP
MCO
FRONTAL
0345z
4099 to 4098
CIRO-
ANTIC
0200z
4098 to 4097
PRBL
ITC
MOP
0027z
4097 to 4096
CELLULAR
2244z
4096 to 4095
TROPICAL
VORTEX
CELLULAR
2103z
4095 to 4096
FRONTAL
ITC
BTw
DIST.
AREA
1931z
4094 DIR
FEW SML
1746z
4094 to 4092
VORTICAL
SCALE
POLAR STEREOGRAPHIC PROJECTION. TRUE AT LATITUDE 60°

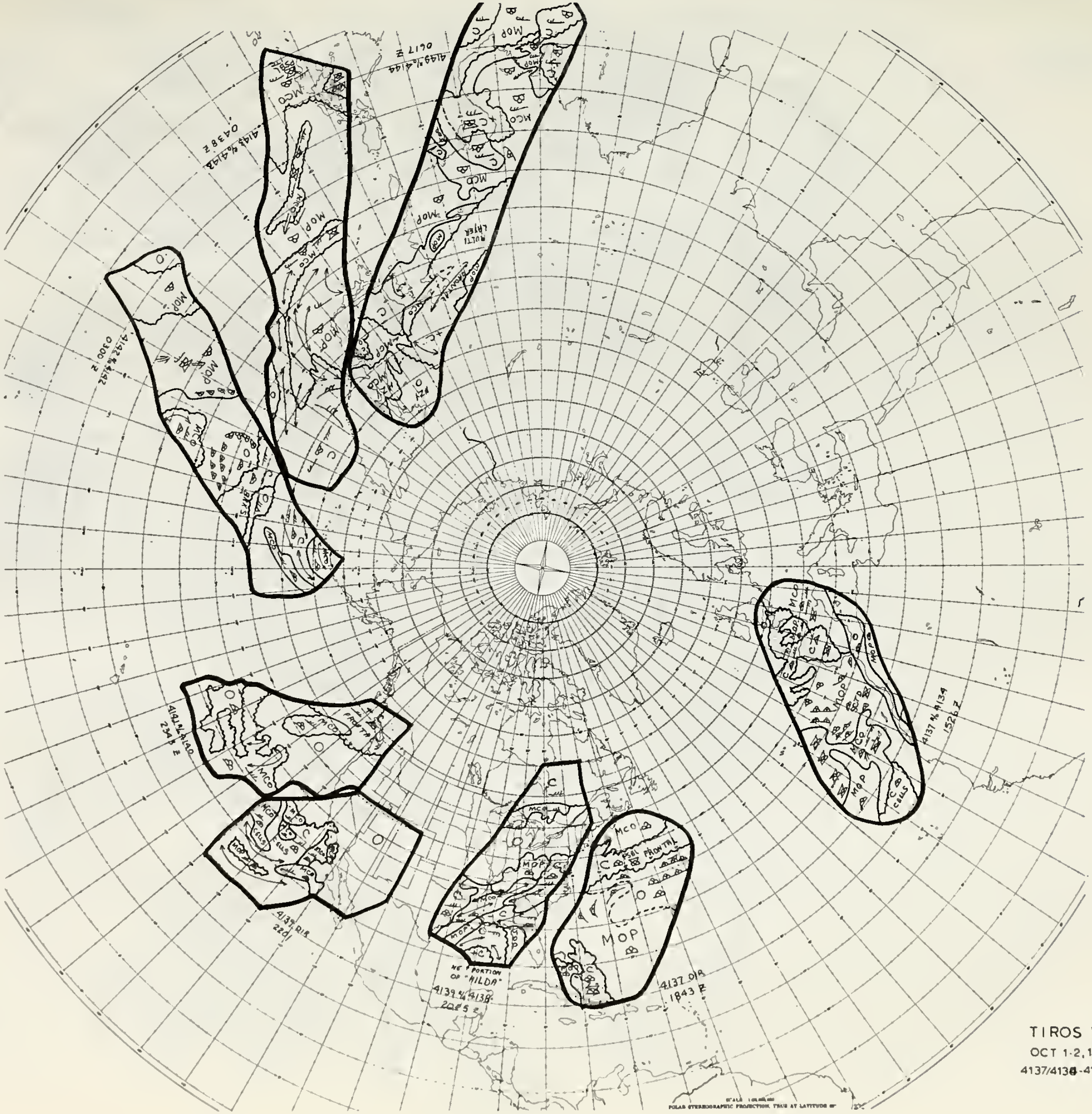

0619Z 4116 R/O 4118
ISLTD
MOP
C
FRONTAL
MOP
MCO
MOP
0432Z 4114 R/O 4113
MOP
MCO
FRONTAL
MOP
C
MCO
PSBL CIRC CNTR 33.5 N 174.5E
MOP
MCO
C
0300Z 4113 R/O 4112
DIRECT PIX IN TWI-LIGHT
2344Z 4111 DIR
ITC
MCO
MOP
C
CELLS
MOP
2338Z 4111 R/O 4110
TRADE PIX
C
CELLS
MCO
CELLS
MCO
C
MOP
2150Z 4110 R/O 4109
2201Z 4110 DIR
C
FRONTAL
MCO
MOP
2025Z 4109 DIR
C
MCO
MOP
MCO
DISTURBED AREA
MCO
1841 4108 DIR
MCO
MOP
SCTD
MOP
1653Z 4108 R/O 4106
POLAR STEREOGRAPHIC PROJECTION. TRUE AT LATITUDE

TIROS VIII
SEPT. 29, 30, 1964
PASSES
4108-4106 ,4116 ,4118



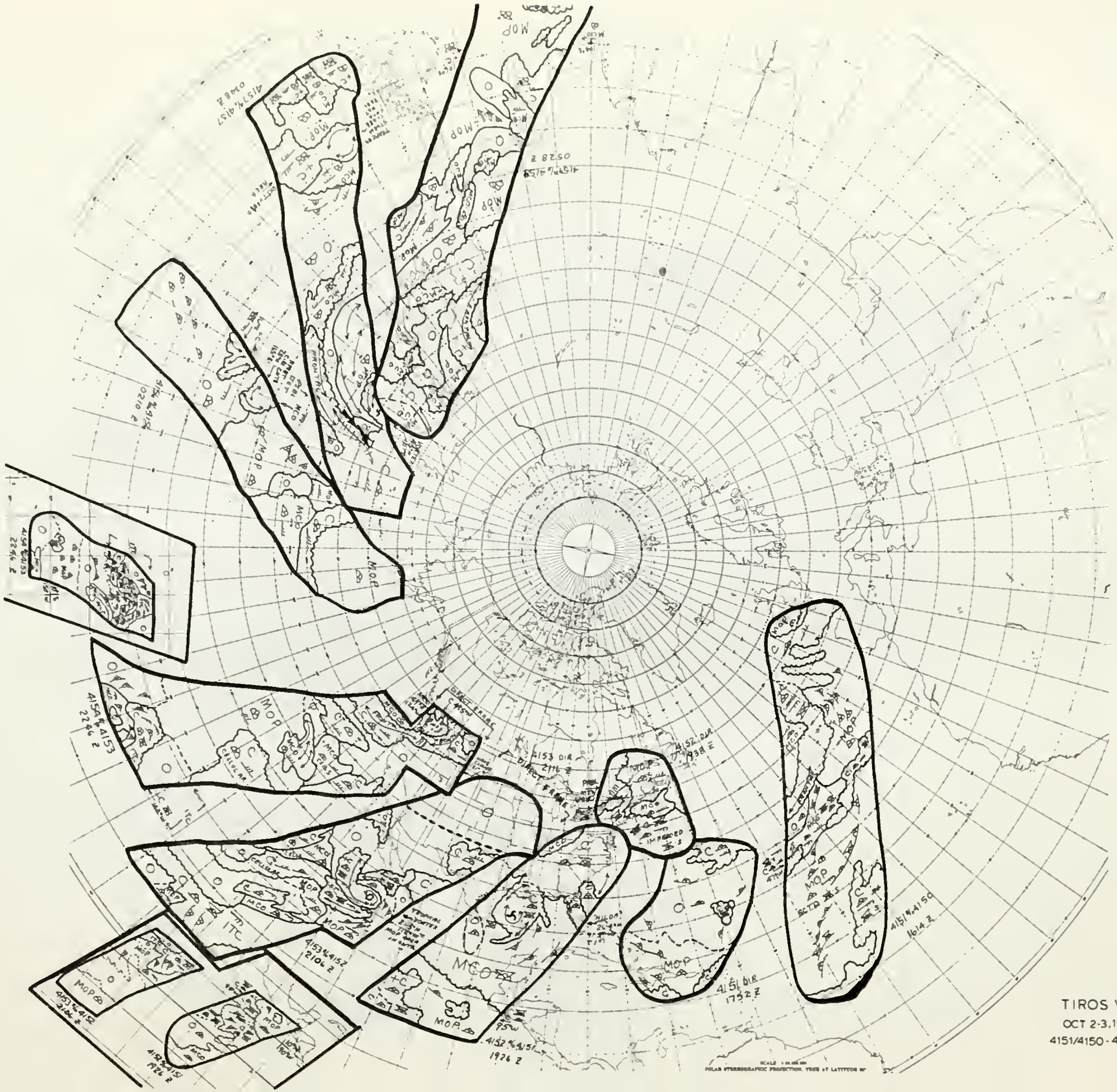
4130 & 4127
0350 Z
MCO
1851 Z
MOP
MOR
4127 & 4126
0213 Z
CELLULAR
ITC
4125 & 4125
2250 Z
DISTURBED AREA
MCO
4124 & 4123
2113 Z
MOP
DIST AREA
4123 DIR
1932 Z
MCO
4123 & 4122
1756 Z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
SEP 30-OCT. 1, 1964
4123/4122 - 4130/4127

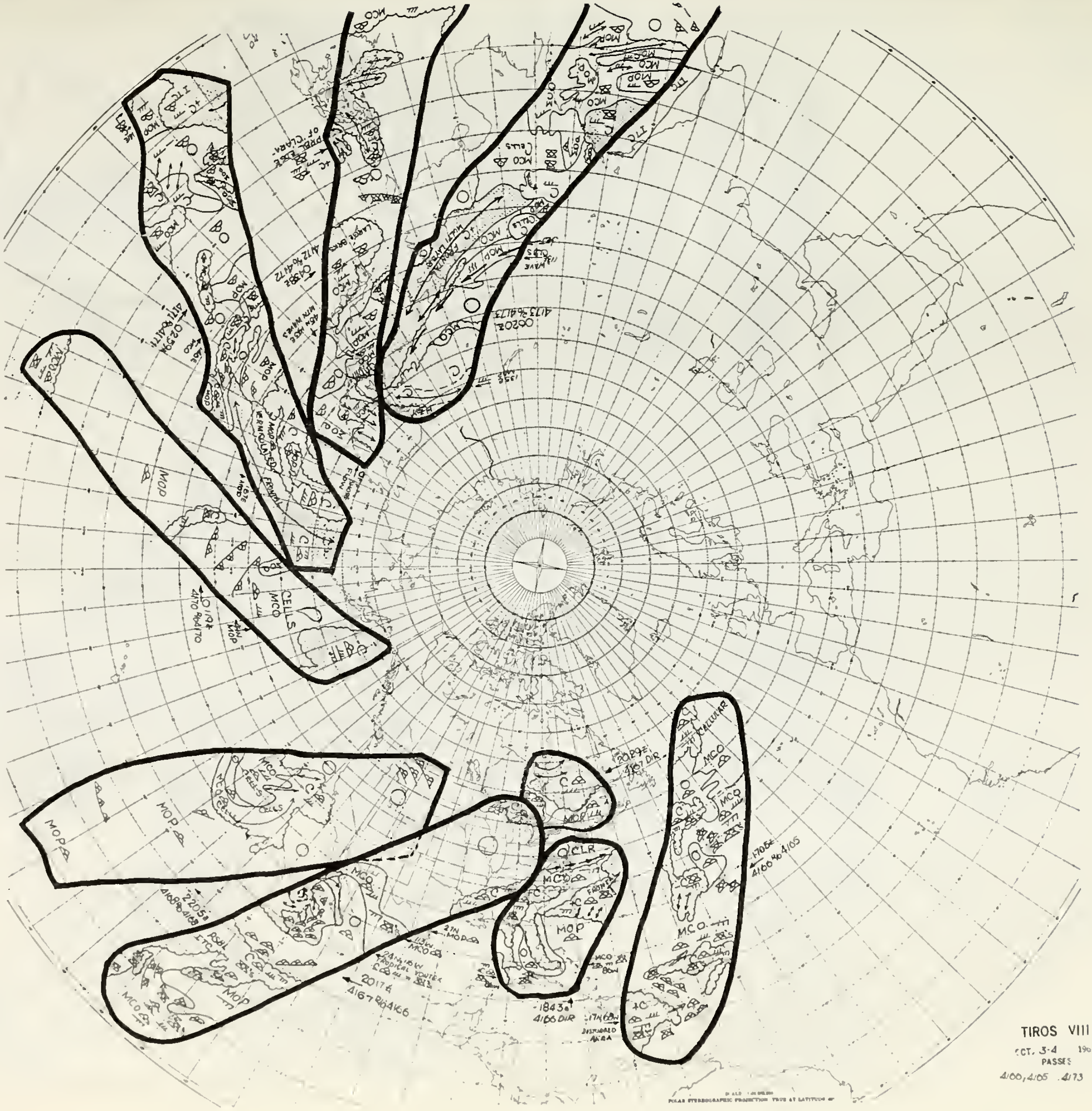


4137 & 4134
1526Z
4137 O/R
1843Z
NE PORTION OF "HILDA"
4139 & 4138
2025Z
4137 O/R
2201
4141 & 4140
2343Z
4142 & 4142
0300Z
4143 & 4142
0438Z
4149 & 4144
0617Z
MOP
MCO
C
O
FRONTAL
CELLS
MULTI LAYER
POLAR STEREOGRAPHIC PROJECTION. TRUE AT LATITUDE 60°

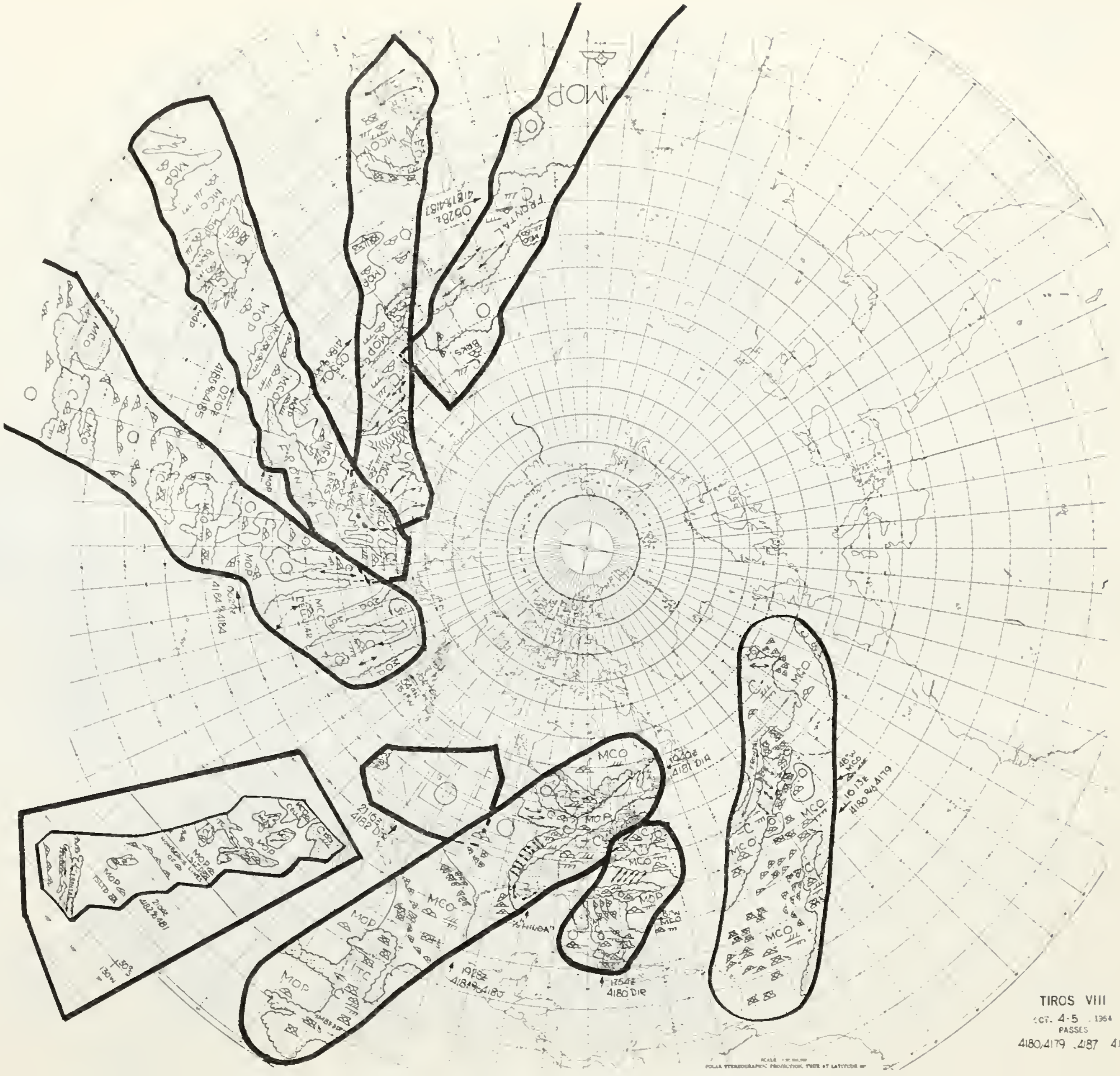
TIROS VIII
OCT 1-2, 1964
4137/4138-4144/4144


MOP
MCO
ITC
FRONTAL
CELLULAR
DIRECT FRAME
4151 & 4150
1614 Z
4151 DIR
1732 Z
4152 DIR
1938 Z
4153 DIR
2116 Z
4152 & 4151
1926 Z
4153 & 4152
2106 Z
4154 & 4153
2246 Z

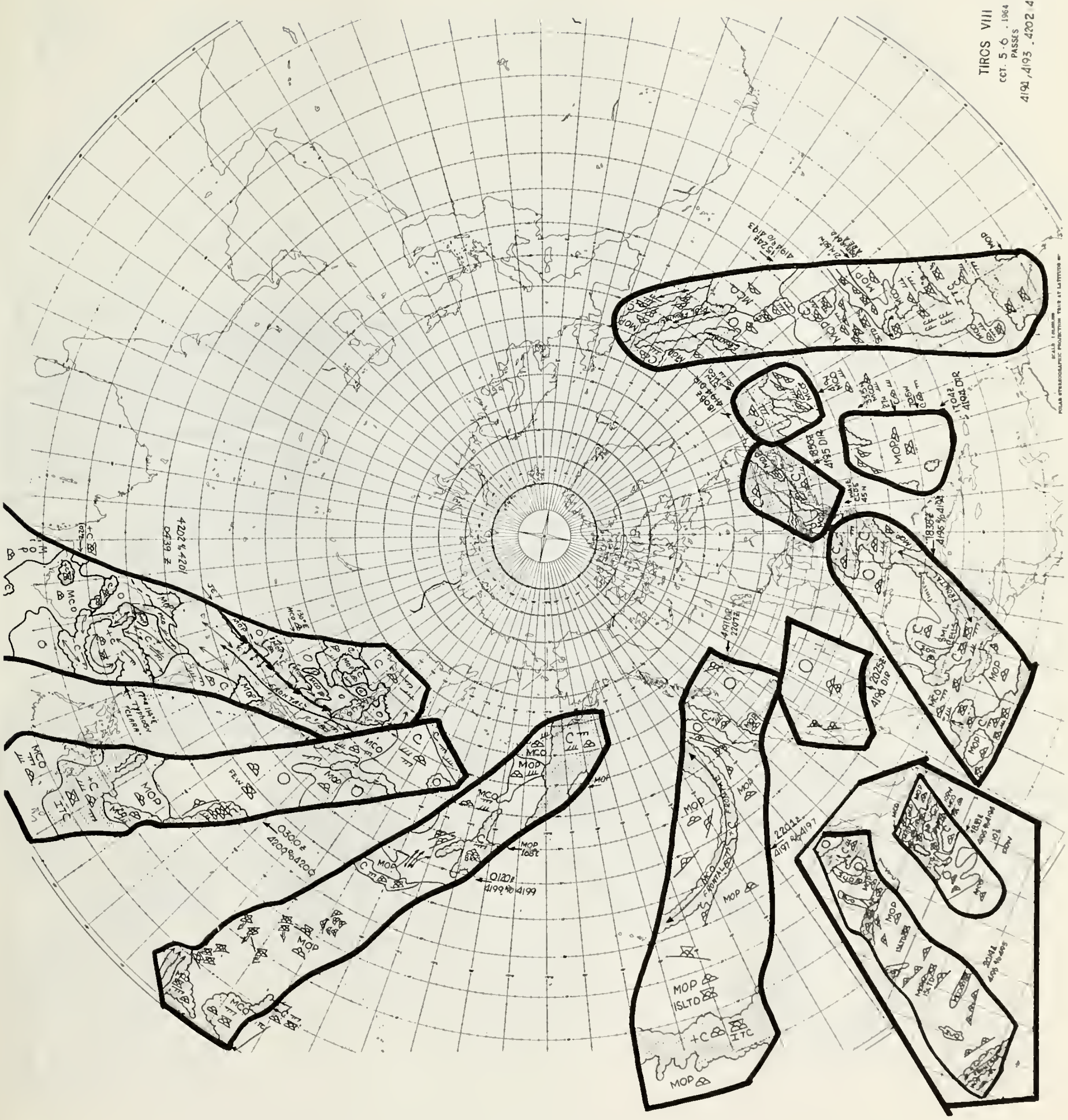
TIROS VIII
OCT 2-3, 1964
4151/4150 - 4159/4158

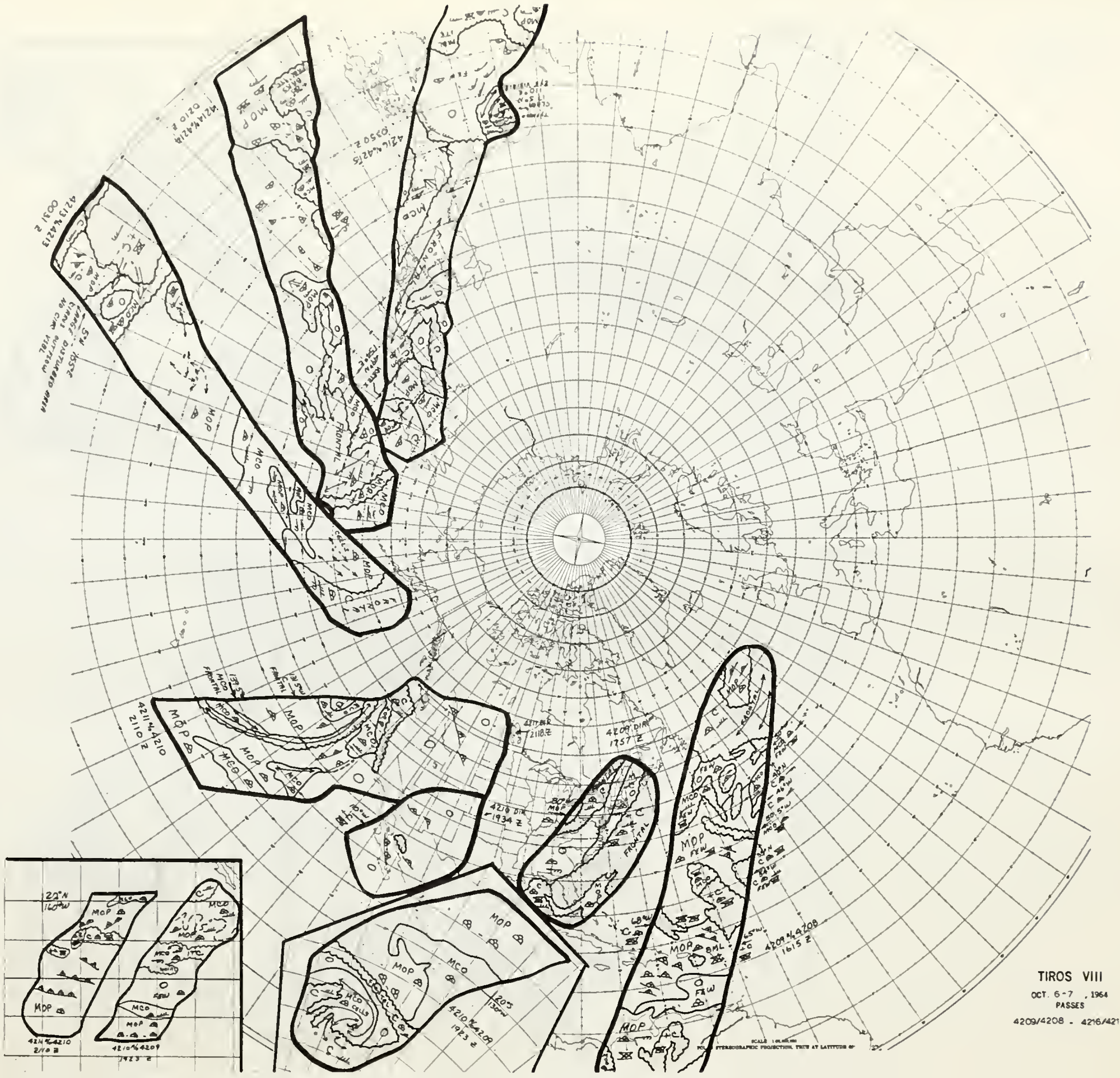

MCO
MOP
CELLS
Cells
LARGE BRKS
4172 to 4172
0438Z
0259Z
4171 to 4171
PRBL EDGE OF 'CLARA'
45N HGE MIN WAVES
0020Z
4173 to 4173
FRONTAL MULTI LAYER
WAVE
1359
VERMICULATED
FRONTAL
OFFSHORE FLOW
0119Z
4170 to 4170
CLR
FC
2029Z
4167 DIR
1705Z
4166 to 4105
CELLULAR
1843Z
4166 DIR
DISTURBED AREA
2205Z
4168 to 4168
PSHL ITC
21N MOP
11N MCO
24N 16W TROPICAL VORTEX
2017Z
4167 to 4166
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII
OCT. 3-4 1964
PASSES
4100,4105 .4173 4173


MOP
FRONTAL
BRKS
0528Z 4187&4187
MCO
0350Z 4186&4186
0210Z 4185&4185
0029Z 4184&4184
MCO
FRONTAL
MOP
2116Z 4182 DIR
2100Z 4182&4181
1940Z 4181 DIR
1958Z 4184&4183
1754Z 4180 DIR
1013Z 4180&4179
HILDA
ITC
30°S 130°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
OCT. 4-5 . 1964
PASSES
4180,4179 .4187 4187


TIROS VIII
OCT. 5-6 . 1964
PASSES
4191, 4193 . 4202 4201
MOP
MCO
C
+C
ITC
FEW
ISLTD
FRONTAL
0300Z 4200 to 4200
0120Z 4199 to 4199
2204Z 4197 to 4197
4191 DIR 2207Z
2025Z 4194 DIR
1704Z 4192 DIR
1835Z 4195 DIR
4202 to 4201 0639Z
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE



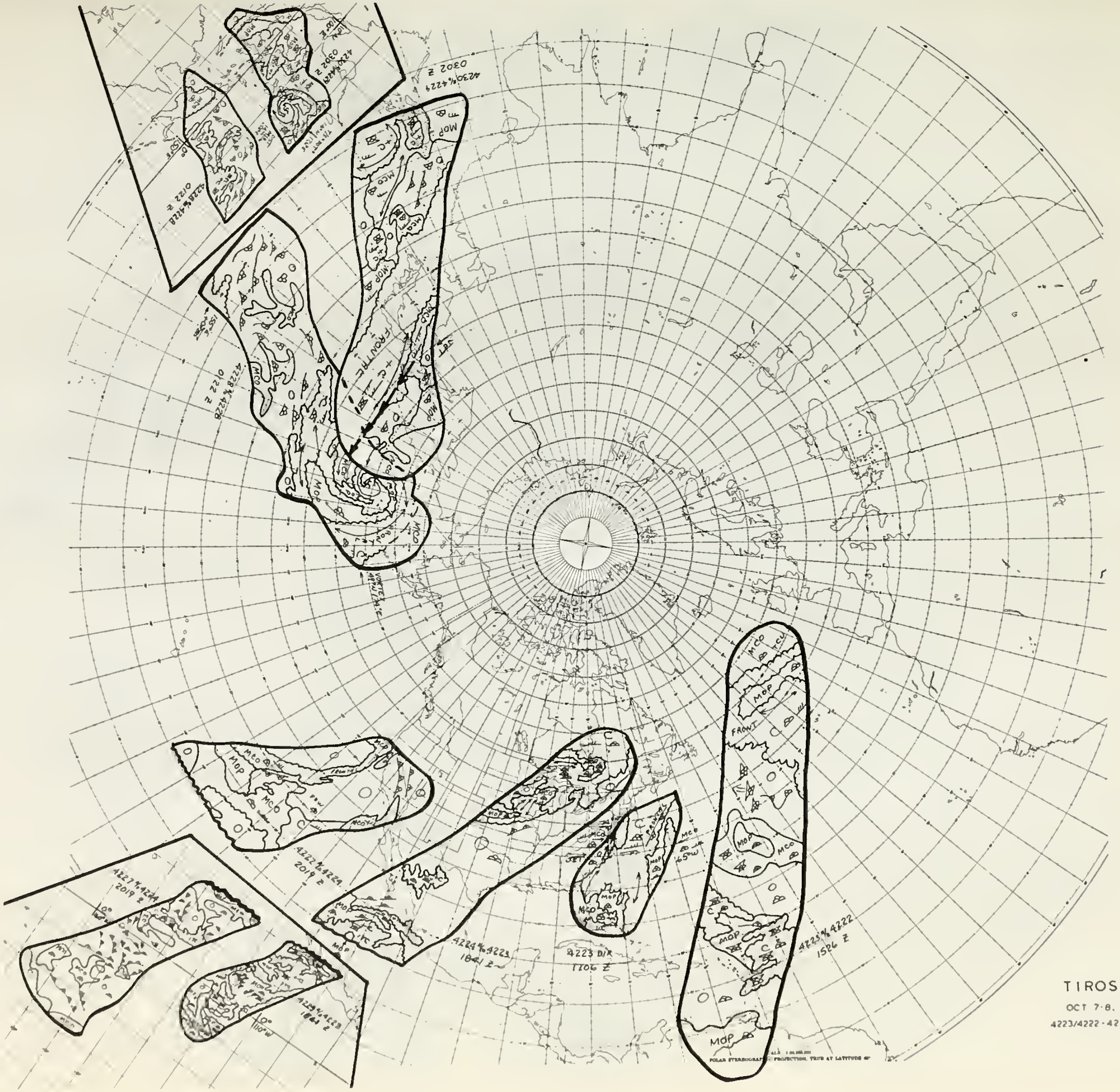
4209 & 4208
1615 Z
4209 DIR
1757 Z
4210 DIR
1934 Z
4211 DIR
2118 Z
4210 & 4209
1923 Z
4211 & 4210
2110 Z
4213 & 4213
0031 Z
4214 & 4214
0210 Z
4216 & 4215
0350 Z
5°N 155°E
LARGE DISTURBED AREA
CIRRUS OUTFLOW
NO CIR VISBL
131.5°W
FRONTAL
139.5°W
MCO
FRONTAL
22°N
160°W
FRONTAL
MOP
MCO
CELLS
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

OCT. 6-7 , 1964

PASSES

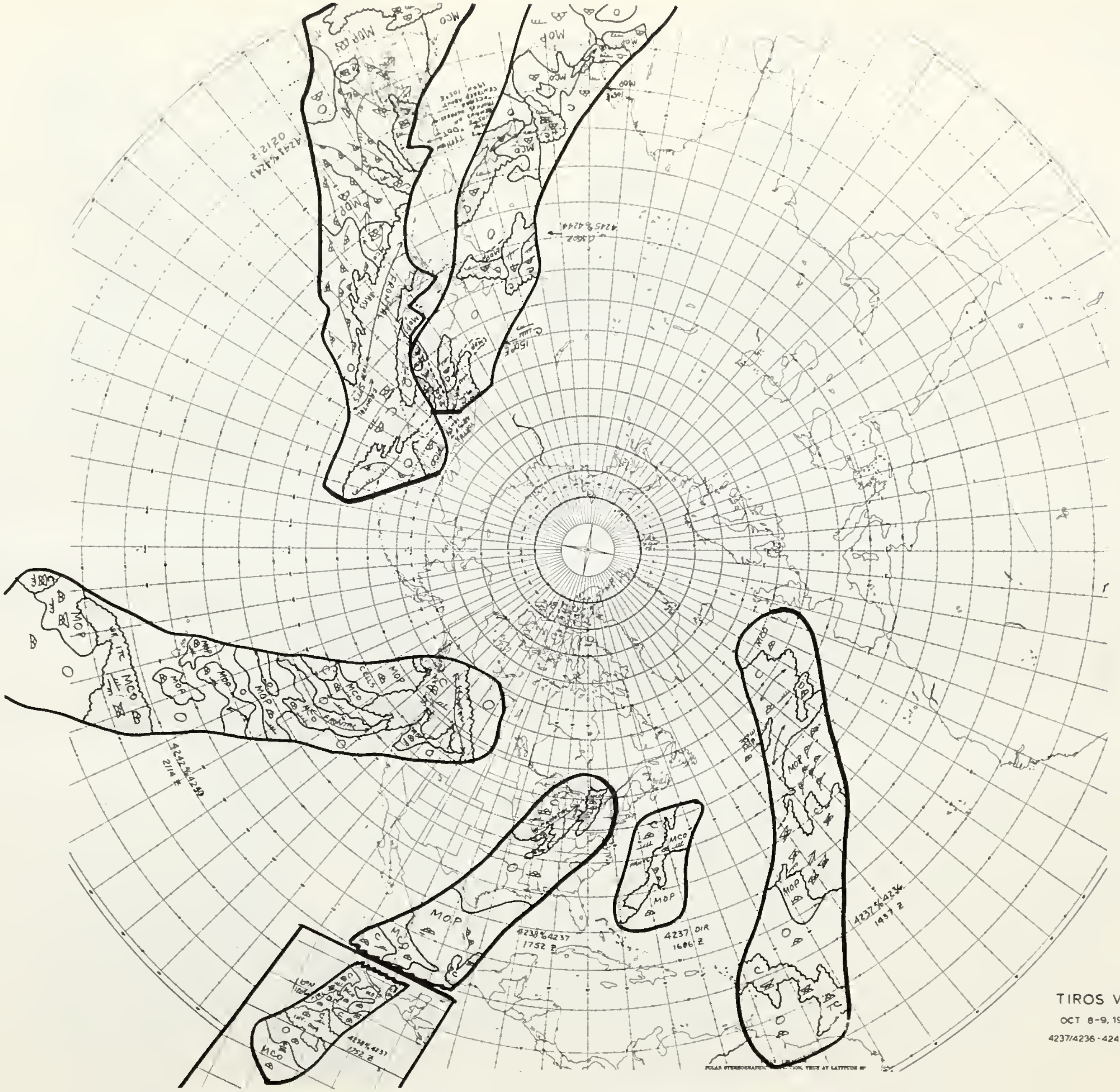
4209/4208 - 4216/4215


4230/4229
0302 Z
4228/4228
0122 Z
155°E
FRONTAL
JET
MCO
MOP
VORTEX
49°N/174°E
FRONT
4222/4224
2019 Z
4224/4223
1841 Z
4223 DIR
1706 Z
4223/4222
1526 Z
4227/4224
2019 Z
4224/4223
1841 Z
10°
110°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

OCT 7-8, 1964

4223/4222 - 4230/4229

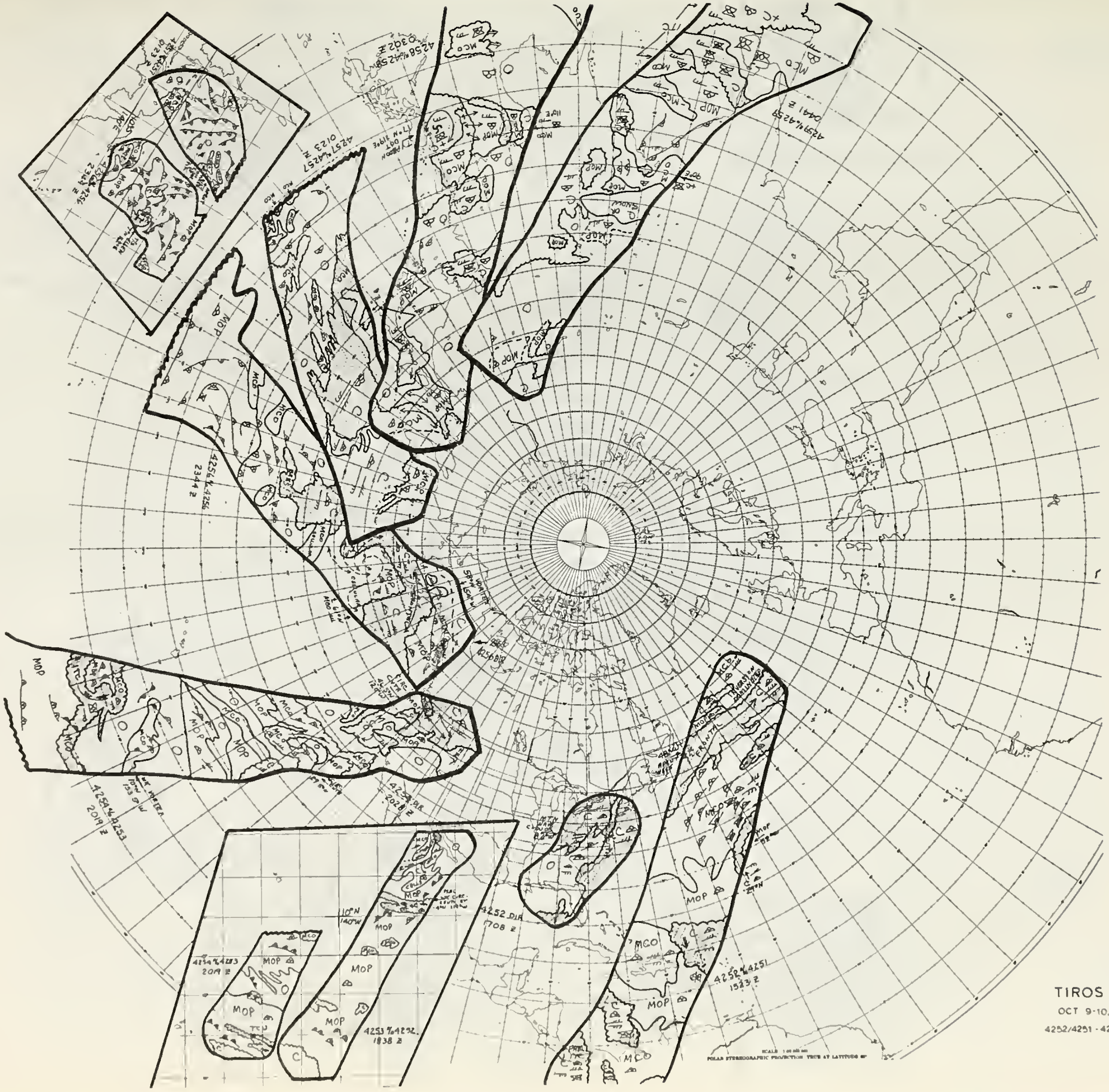


4243 & 4243
0212 Z
4245 & 4244
150°E
MOP
MCO
C
FRONTAL
BANDS
CELLS
ITC
TC
4242 & 4243
2114 Z
4238 & 4237
1752 Z
4237 DIR
1606 Z
4237 & 4236
1937 Z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

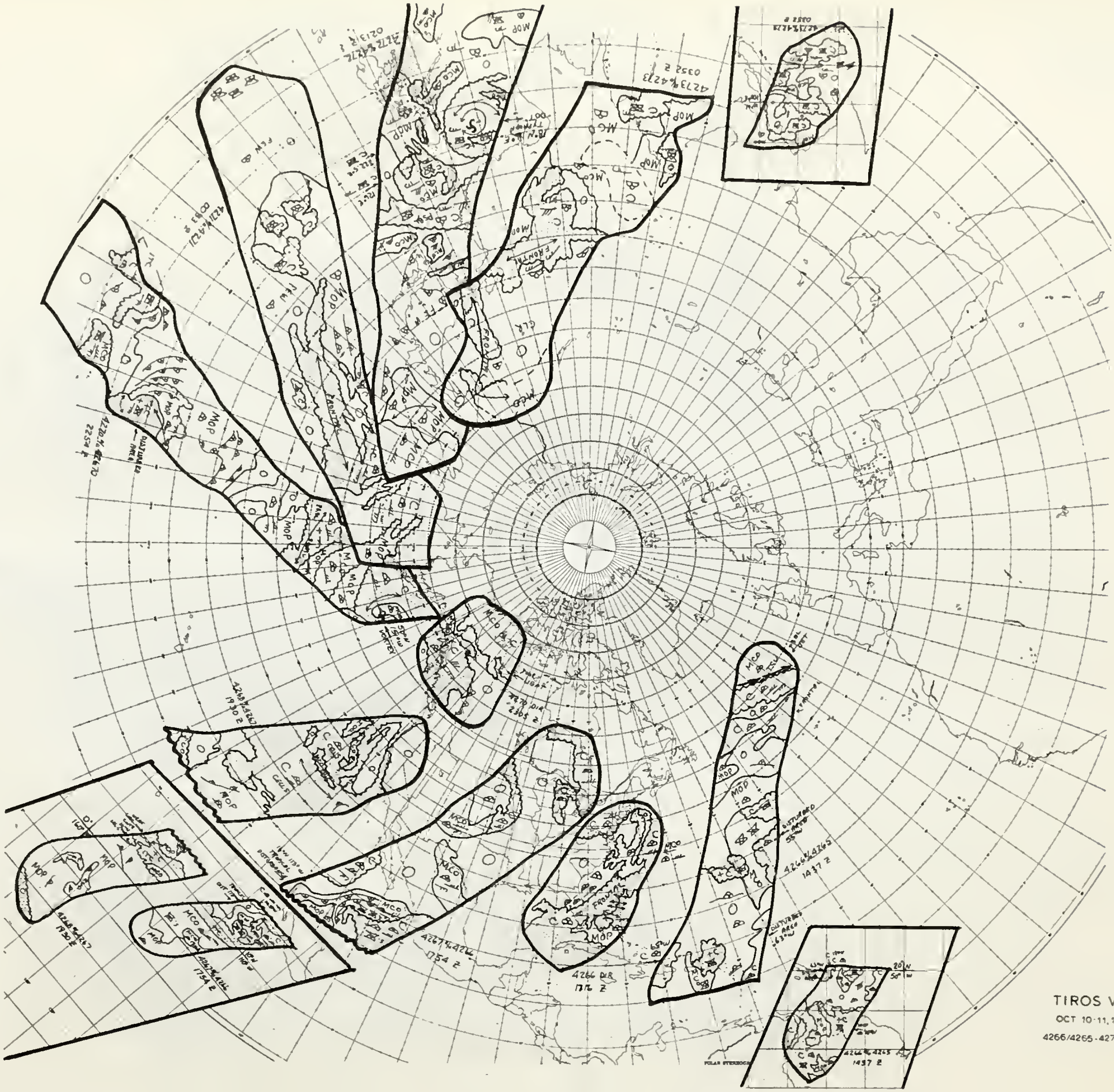
TIROS VIII

OCT 8-9, 1964

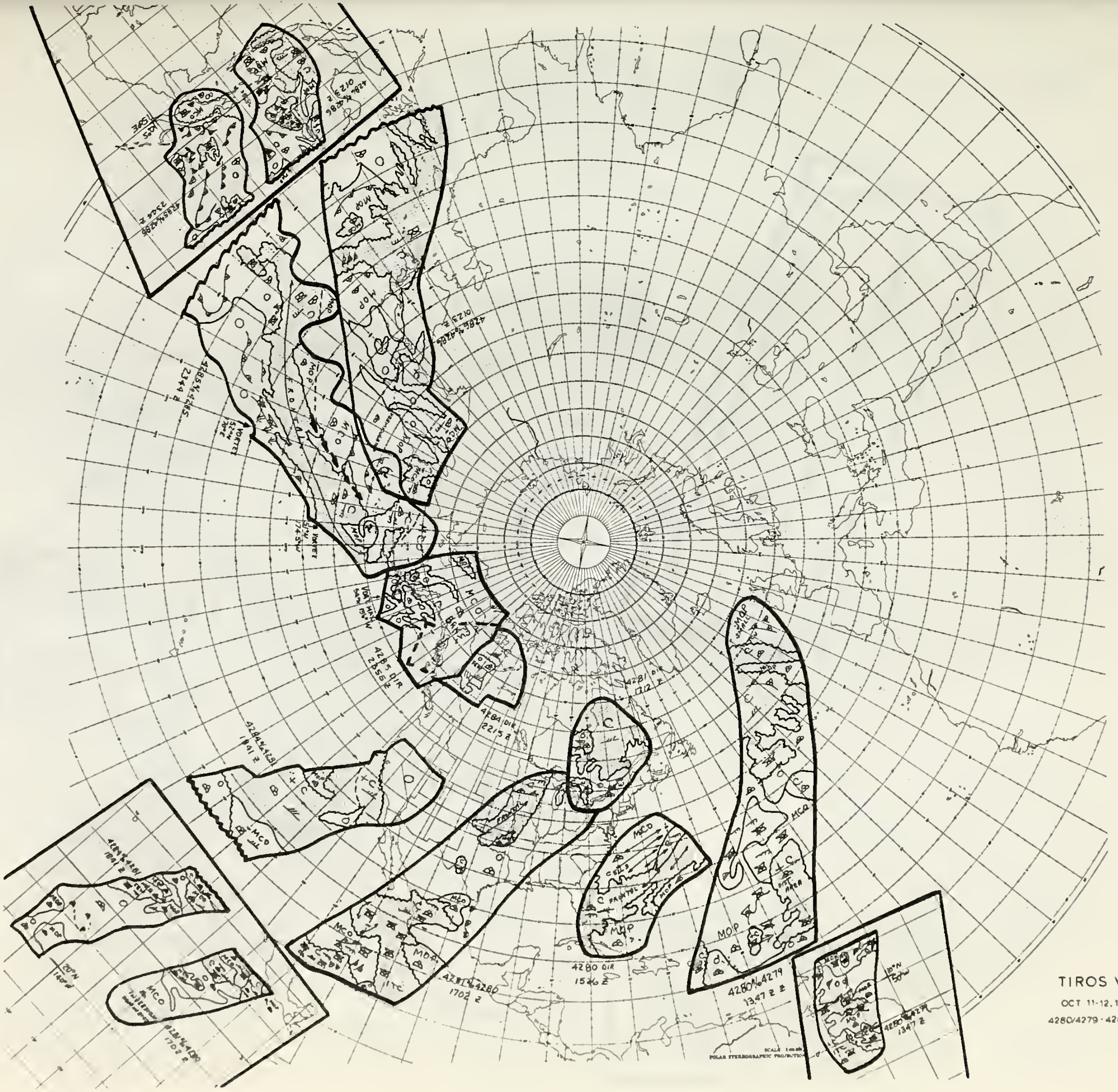
4237/4236-4243/4243


4252 & 4251
1523 Z
4253 & 4252
1838 Z
4254 & 4253
2019 Z
4252 DIR
1708 Z
4256 & 4256
2344 Z
4257 & 4257
0123 Z
4258 & 4258
0302 Z
4259 & 4259
0441 Z
MOP
MCO
SNOW
FRONTAL
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII
OCT 9-10, 1964
4252/4251 - 4259/4259


4266 DIR
1716 Z
4267/4266
1754 Z
4265/4265
1437 Z
4270/4270
2254 Z
4271/4271
0033 Z
4273/4273
0352 Z
4272/4272
0213 Z
4268/4267
1930 Z
4270 DIR
2304 Z
SLOW
VORTEX
DISTURBED AREA
TROPICAL DISTURBANCE
FRONTAL
MOP
MCO
CLR
FEW
CELLS
POLAR STEREOGRAPHIC

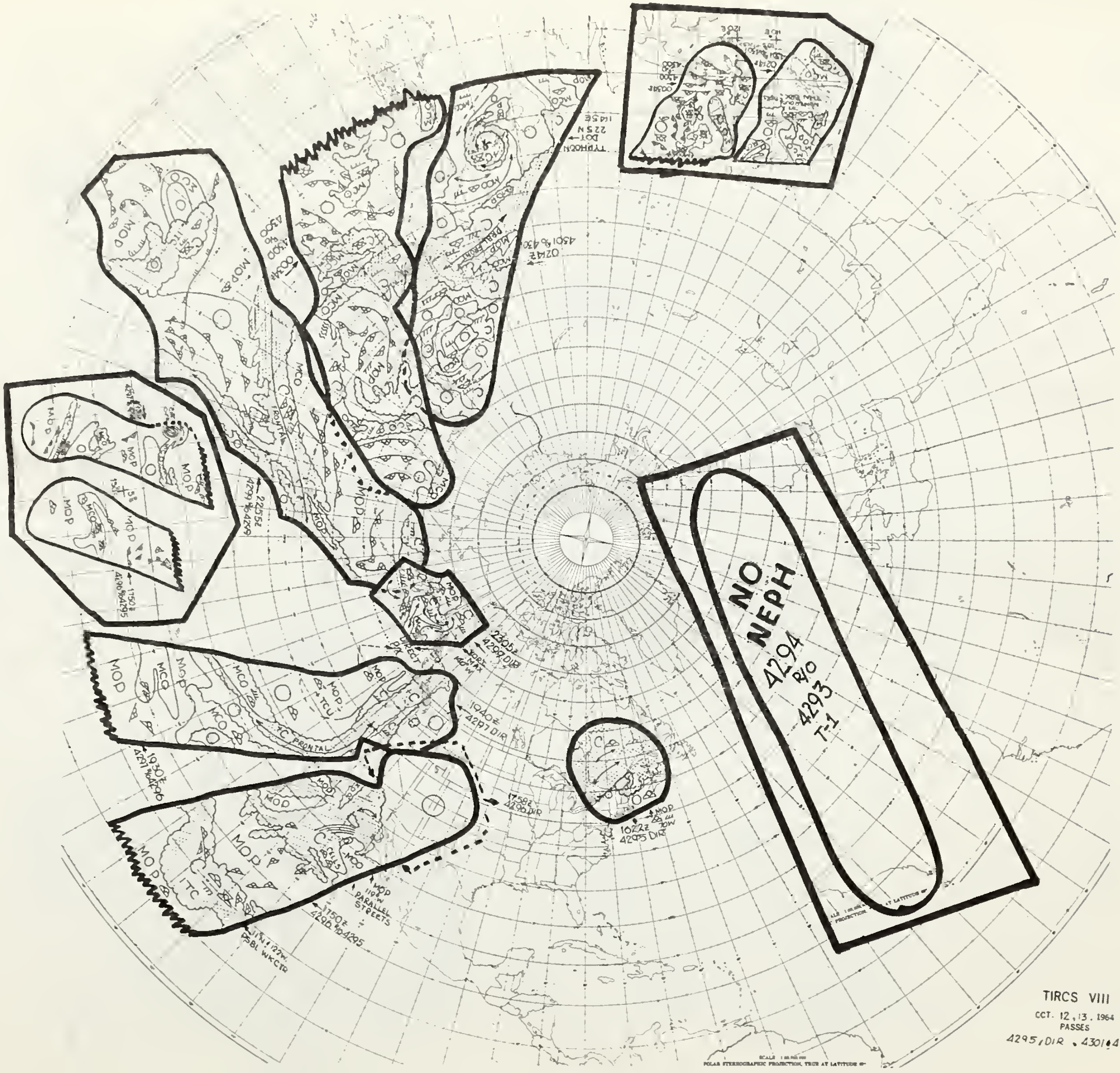
TIROS VIII
OCT 10-11, 1964
4266/4265-4273/4273


4286/4286
0123 Z
4285/4285
2344 Z
4285/4285
2346 Z
VORTEX
52°N
170°E
VORTEX
51°N
174.5°W
FRONTAL
MOP
MCO
VORT MAX
54°N
156°W
4285 DIR
2356 Z
4284 DIR
2215 Z
4281 DIR
1712 Z
4284/4281
1841 Z
4281/4280
1702 Z
ITC
MCO
4280 DIR
1546 Z
FRONTAL
MOP
4280/4279
1347 Z
MCR
MOP
10°N
50°W
4280/4279
1347 Z
20°N
140°W
SCALE 1:40,000,000
POLAR STEREOGRAPHIC PROJECTION

TIROS VIII

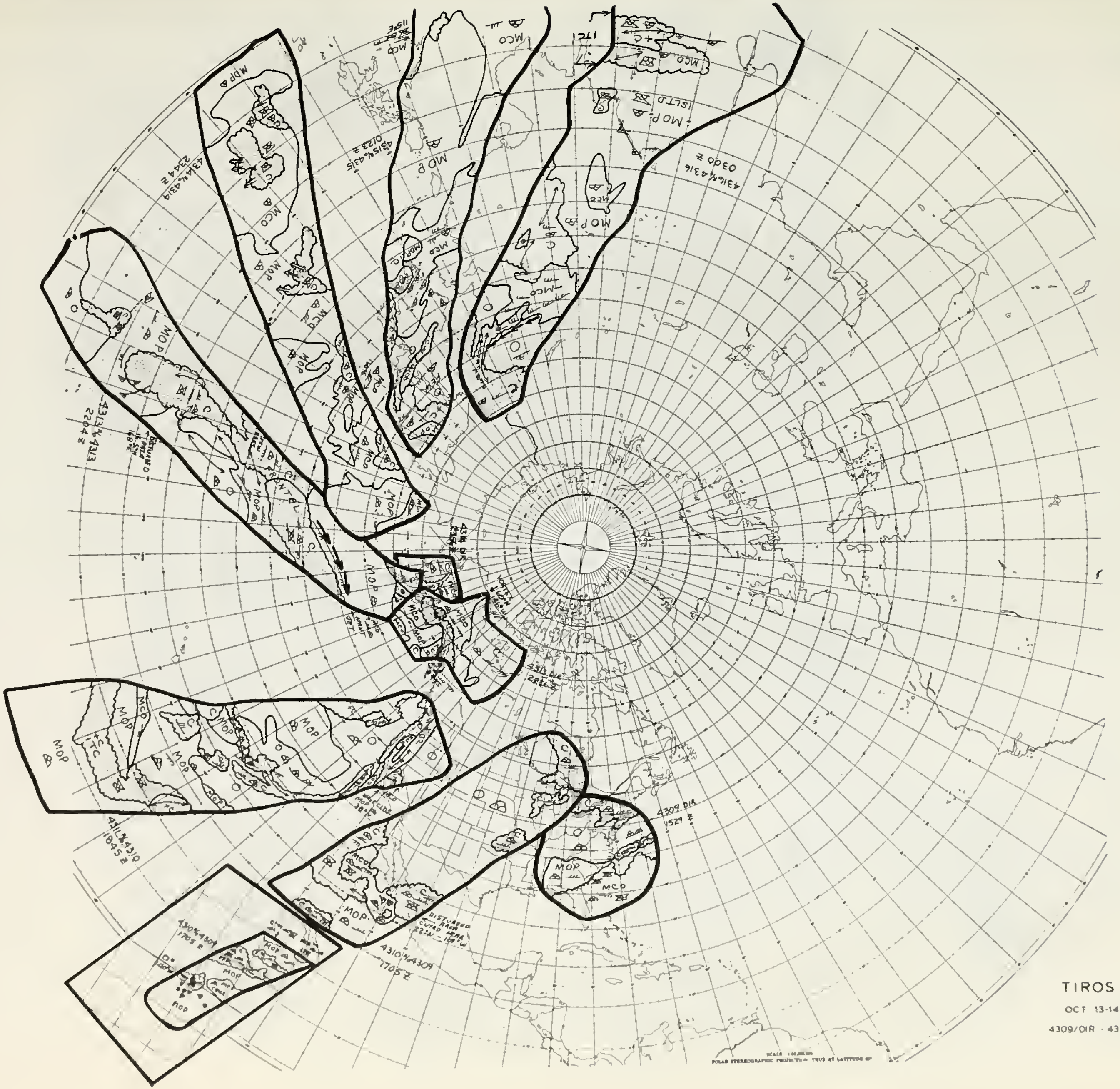
OCT 11-12, 1964

4280/4279 - 4286/4286


NO NEPH
4294
R/O
4293
T-1
TYPHOON DOT
22.5N
145E
0214Z
4301 & 4301
0034Z
4300 & 4300
2255Z
4299 & 4299
2305Z
4299 DIR
1940Z
4297 DIR
1930Z
4297 & 4296
1758Z
4296 DIR
1750Z
4296 & 4295
1750Z
4296 & 4295
1022Z
4295 DIR
MOP
MCO
TCU
ITC
FRONTAL
TC FRONTAL
DIRECT P/X
PARALLEL STREETS
PSBL WK CTR
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIRCS VIII

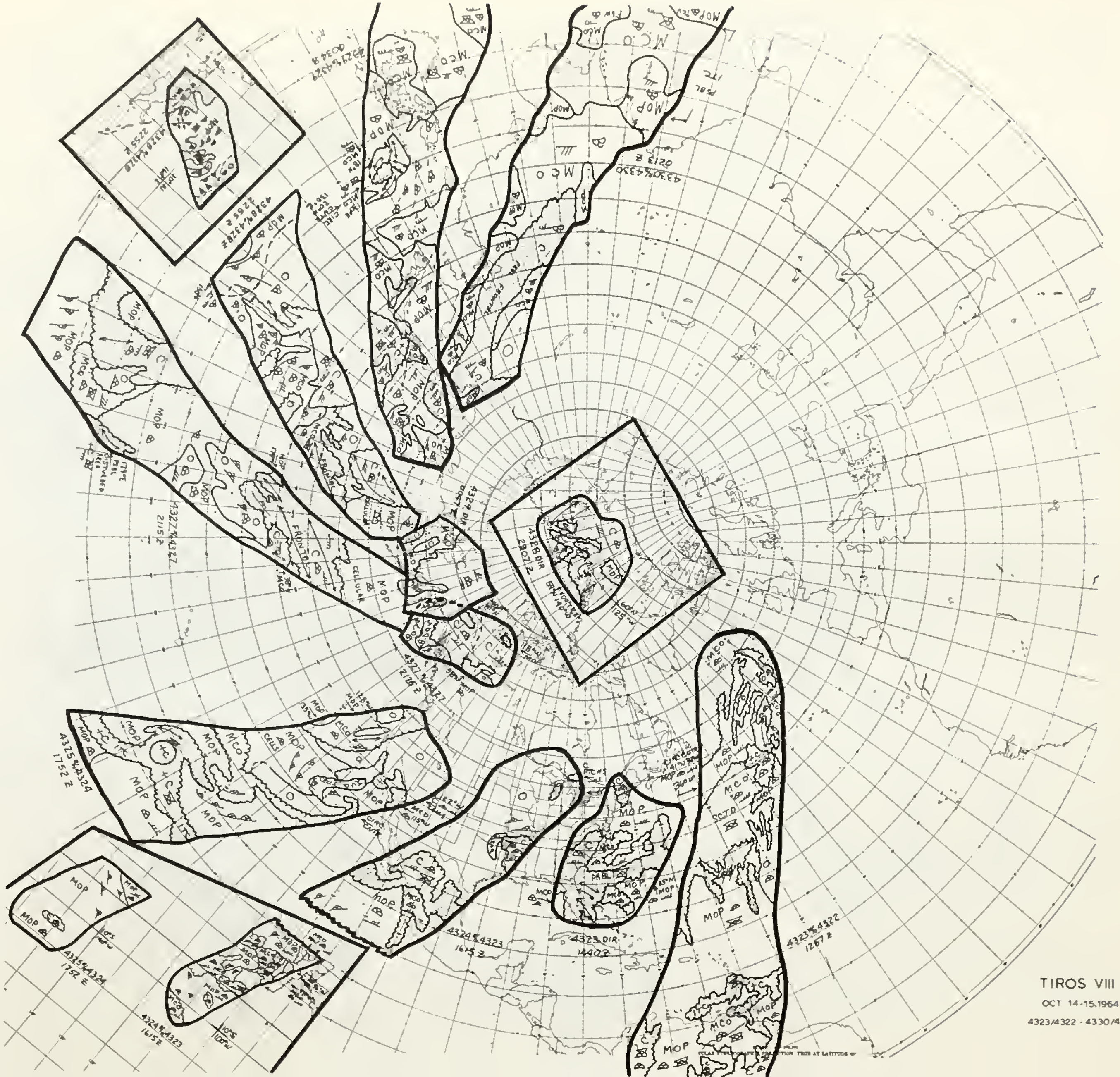
OCT. 12, 13, 1964
PASSES
4295/DIR, 4301/4301


4316/4316
0300 Z
MOP
ISLTD
MCO
ITC
4315/4315
0123 Z
4314/4314
2344 Z
4313/4313
2204 Z
FRONTAL
4314 DIR
2354 Z
4313 DIR
2216 Z
VORTEX
4311/4310
1845 Z
4309 DIR
1527 Z
4310/4309
1705 Z
4310/4309
1705 Z
DISTURBED AREA
C
TC
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

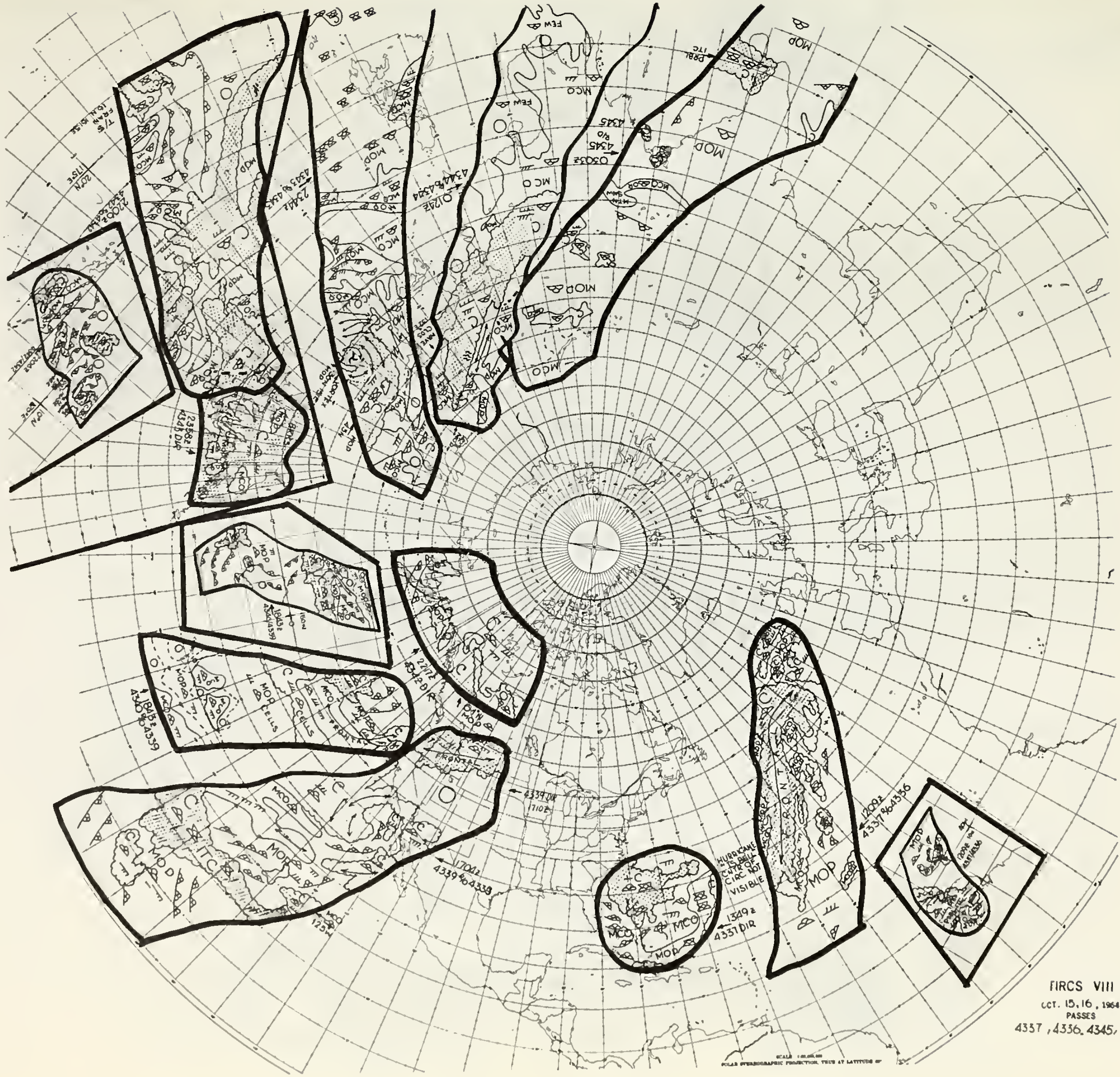
TIROS VIII

OCT 13-14, 1964

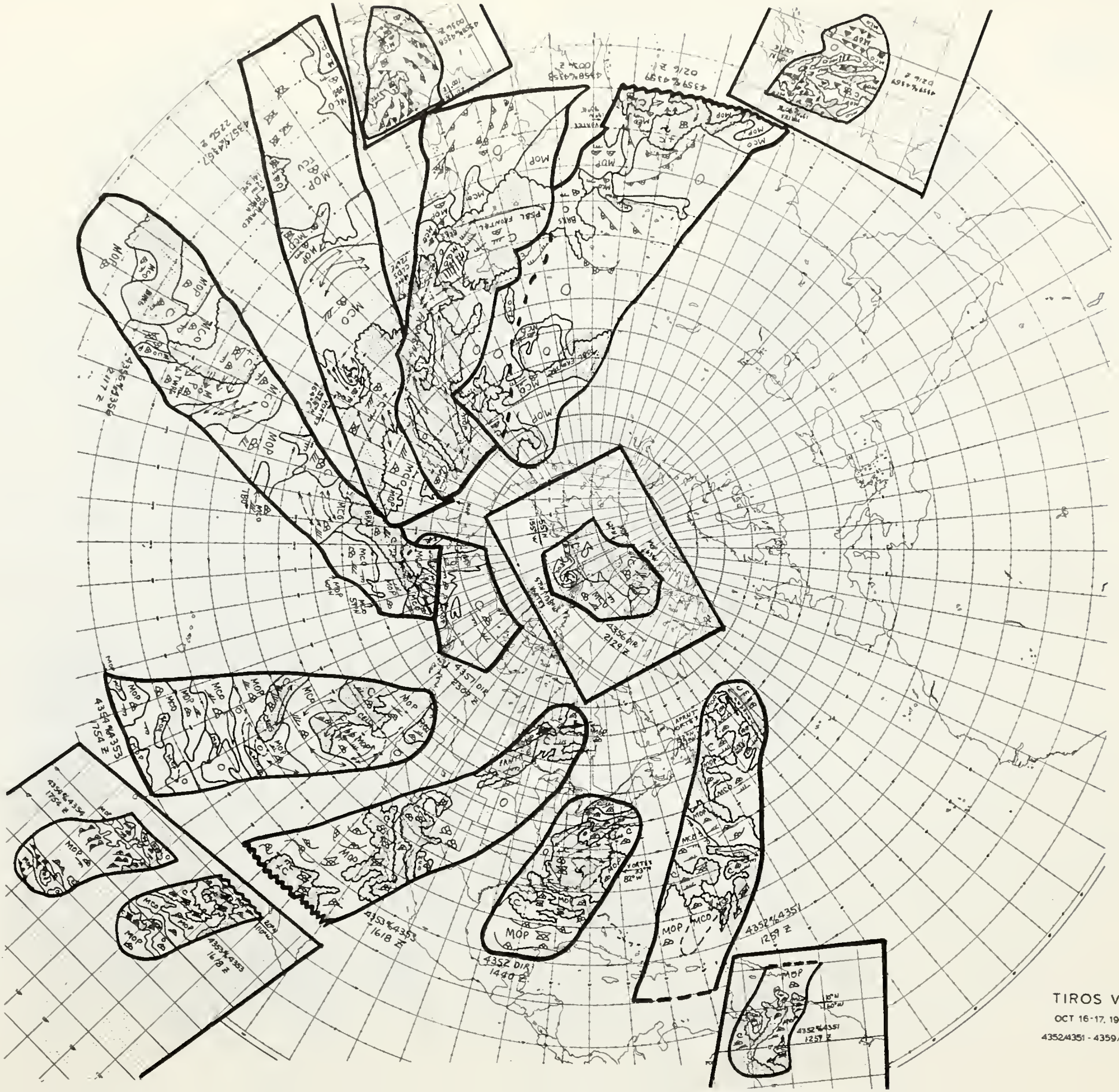
4309/DIR - 4316 4316


4330%4330
0213 Z
4329%4329
0034 Z
4328%4328
2255 Z
4328%4328
2255 Z
4329 DIR
0047 Z
4328 DIR
2307 Z
4327%4327
2115 Z
4327%4327
2126 Z
4325%4324
1752 Z
4325%4324
1752 Z
4324%4323
1615 Z
4324%4323
1615 Z
4323 DIR
1440 Z
4323%4322
1267 Z
MOP
MCO
C
O
FRONTAL
CELLULAR
CELLS
179°E
PBBL
DISTURBED
AREA
ITC

TIROS VIII
OCT 14-15,1964
4323/4322 - 4330/4330


MOP
MCO
MOD
FEW
C
O
PRBL ITC
0303z
4345 to 4345
0124z
4344 & 4324
2344z
4343 to 4343
2200z
4342 to 4340
20°N
175°E
10°N
T/S
FRAN
ION RISE
2358z
4343 DIR
BRKS
VORTEX
MTN
MOVE
CLDS
1843z
4340/4339
150W
2217z
4342 DIR
CELLS
FRONTAL
1704z
4339 to 4338
4339 DIR
1710z
125W
ITC
HURRICANE
IS BELL
CNTR OF
CIRC NOT
VISIBLE
1349z
4337 DIR
1209z
4337 to 4336
F R O N T A L

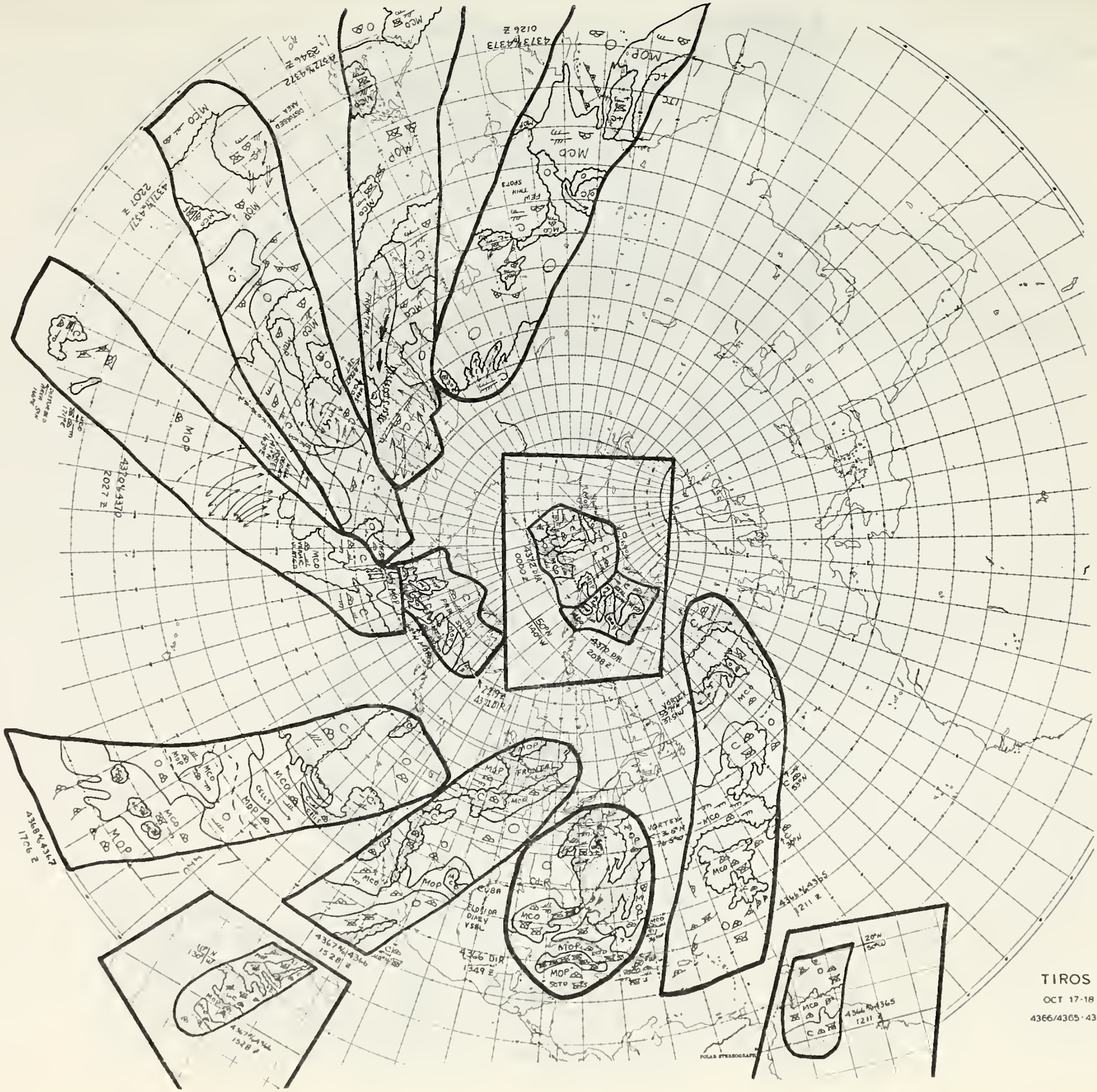
FIRCS VIII
OCT. 15, 16, 1964
PASSES
4337, 4336, 4345, 4345


4352/4351 1257 Z
4352 DIR 1440 Z
4353/4353 1618 Z
4354/4354 1754 Z
4356 DIR 2129 Z
4357 DIR 2309 Z
4356/4356 2117 Z
4357/4357 2252 Z
4358/4358 0036 Z
4359/4359 0216 Z
MOP
MCO

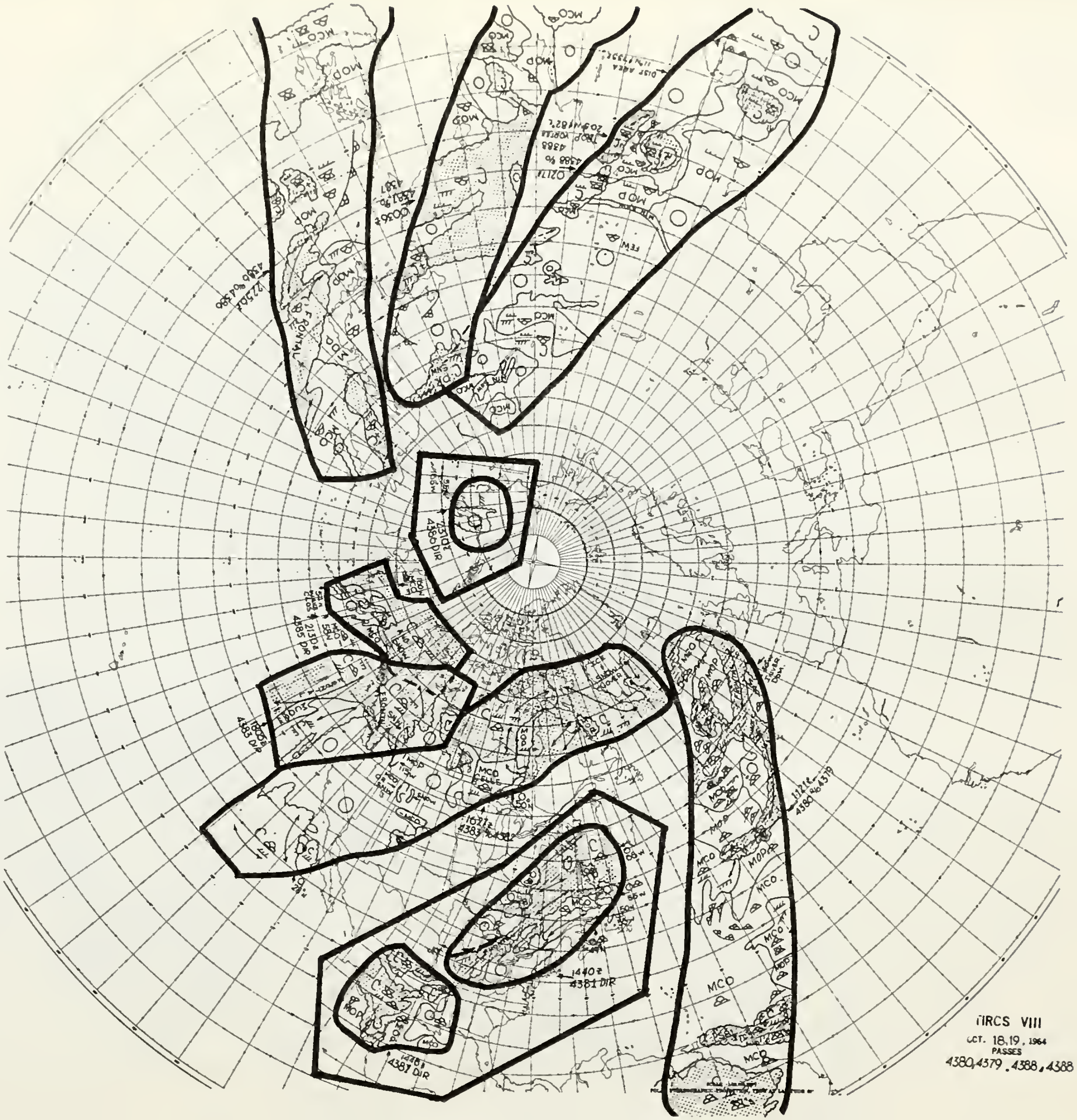
TIROS VIII

OCT 16-17, 1964

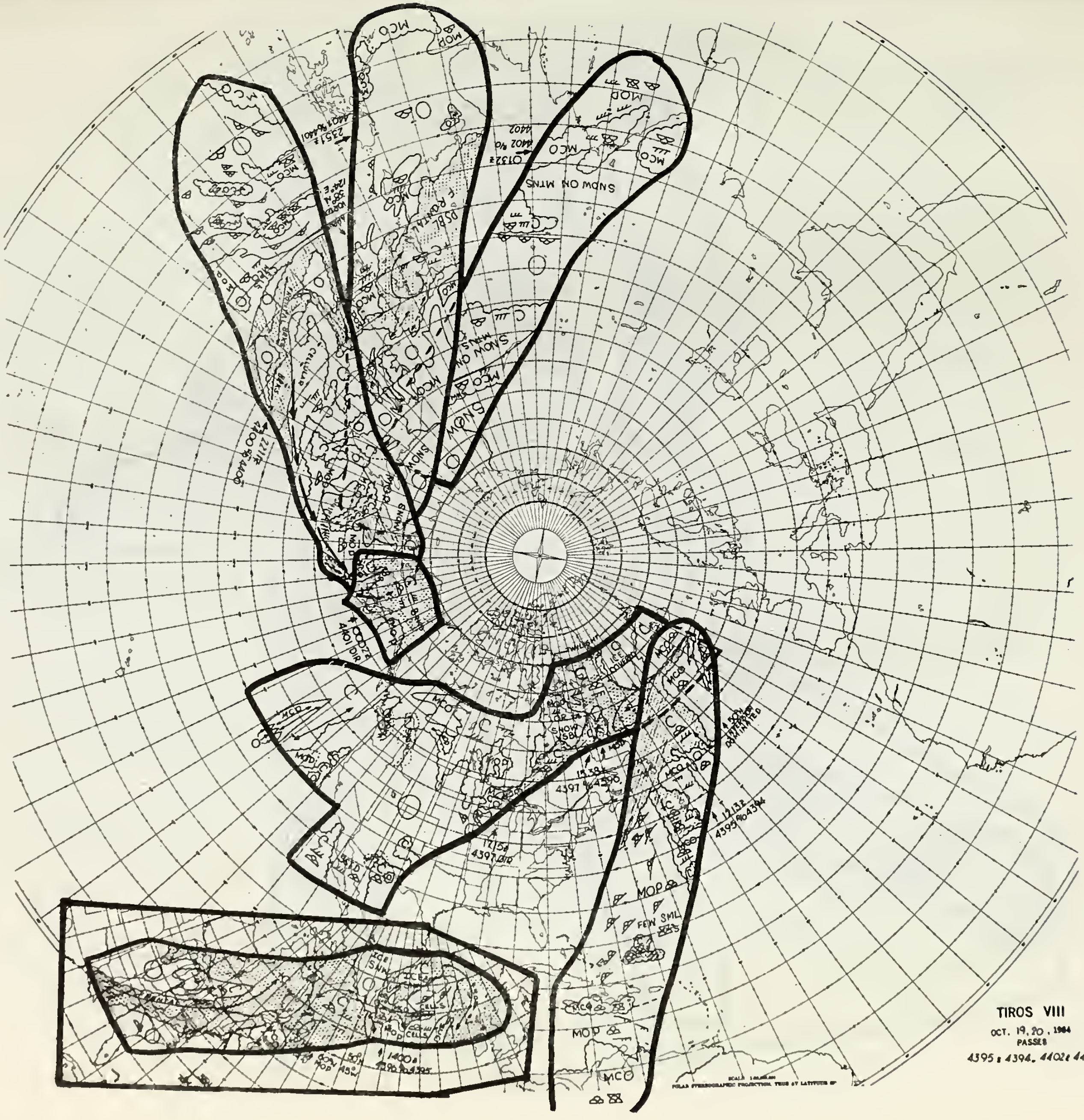
4352/4351 - 4359/4359


4373/4373
0126 Z
4372/4372
2346 Z
4371/4371
2207 Z
4370/4370
2027 Z
4368/4367
1706 Z
4367/4366
1528 Z
4366 DIR
1349 Z
4366/4365
1211 Z
4372 DIR
0000 Z
4370 DIR
2088 Z
50°N
140°W
20°N
50°W
MOP
MCO
FRONTAL
CELLS
FEW THIN SPOTS
DISTURBED AREA
CUBA
FLORIDA
VORTEX
POLAR STEREOGRAPHIC

TIROS VIII
OCT 17-18 1964
4366/4365-4373/4373

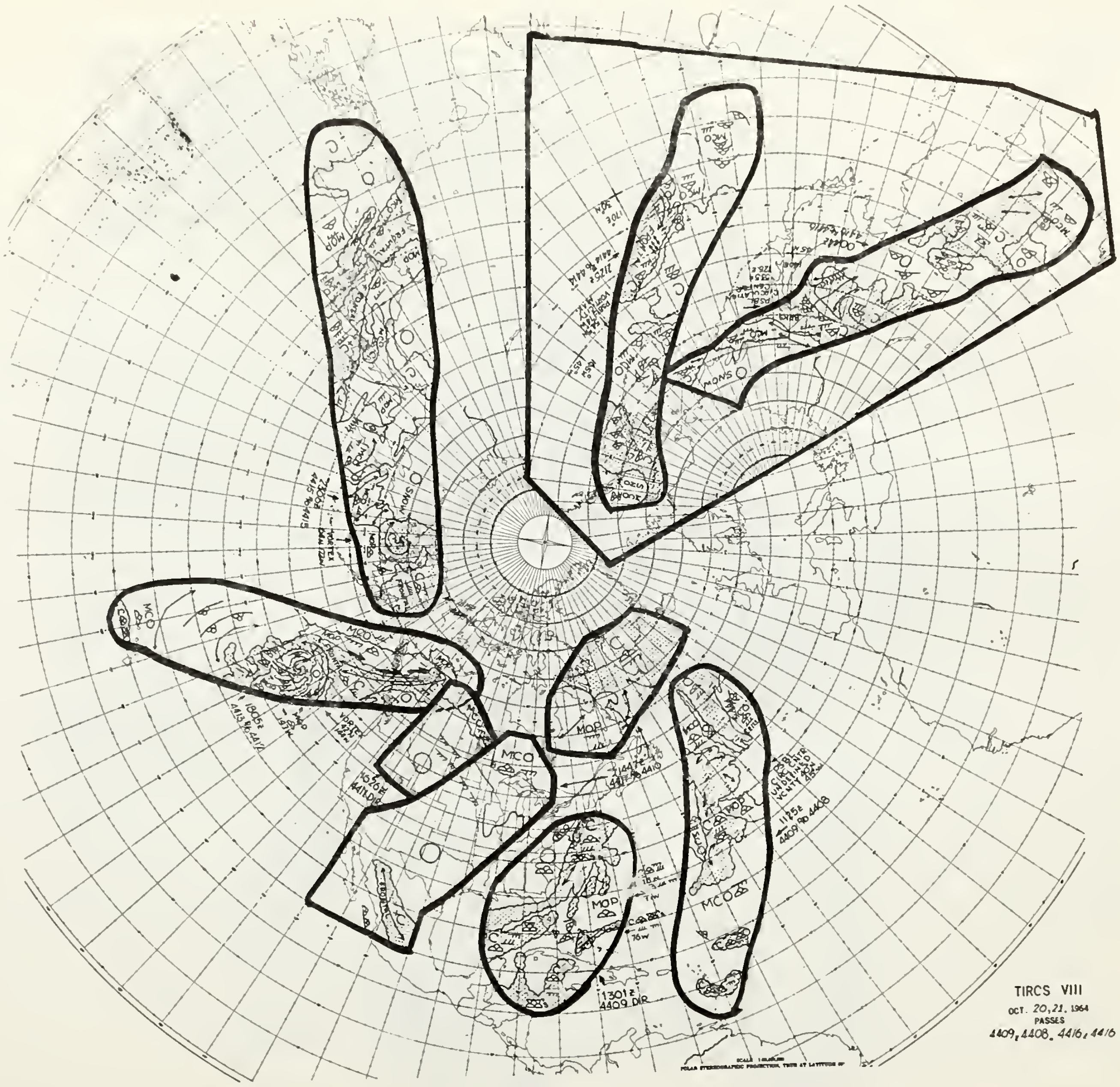

FRONTAL
MOP
MCO
FEW
2250z
4386 to 4380
0036z
4387 to
4387
0217z
4388 to
4388
TROP VORTEX
20.4N 182°E
DIST AREA
11°N 173°E
2310z
4386 DIR
2130z
4385 DIR
1805z
4383 DIR
1627z
4383 & 4382
MCO CELLS
1440z
4381 DIR
1228z
4387 DIR
1312z
4380 to 4379

NIRCS VIII
OCT. 18,19, 1964
PASSES
4380,4379 . 4388 , 4388



MCO
MOP
SNOW ON MTNS
0132z
4402 TO 4402
2351z
4401 TO 4401
VORTEX
38°N
124°E
DSBL
FRONTAL
SNOW ON MTNS
SNOW
CELLULAR
BRKS
FRONTAL BRKS
2211z
4400 TO 4400
0002z
4401 DIR
TWILIGHT
ICE COVERED
SNOW
VSBL
15:38z
4397 TO 4396
12:13z
4395 TO 4394
2 SON
INTERIOR
DOMINATED
17:15z
4397 DIR
MOD
SKTD
FEW SML
ICE
SNW
CELLS
1400z
4396 TO 4395
50°N
45°W
MOP

TIROS VIII
OCT. 19, 20, 1964
PASSES
4395 & 4394, 4402 & 4402



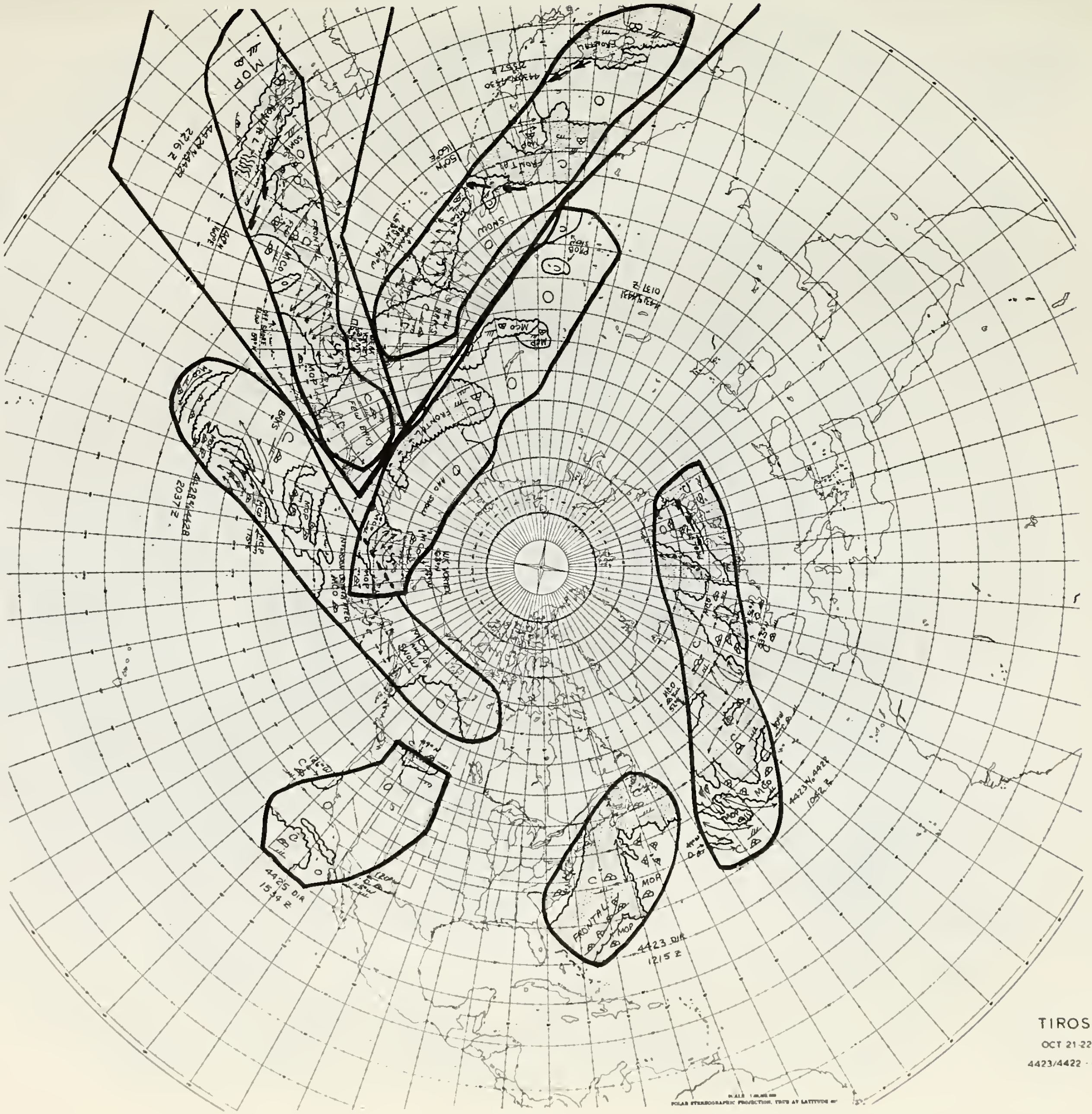
MOP
MCO
SNOW
FRONTAL
VORTEX
C
1301Z
4409 DIR
1125Z
4409 TO 4408
1447Z
4411 TO 4410
1805Z
4413 TO 4412
1626Z
4411 DIR
2300Z
4415 TO 4415
2125Z
4414 TO 4414
76W
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIRCS VIII

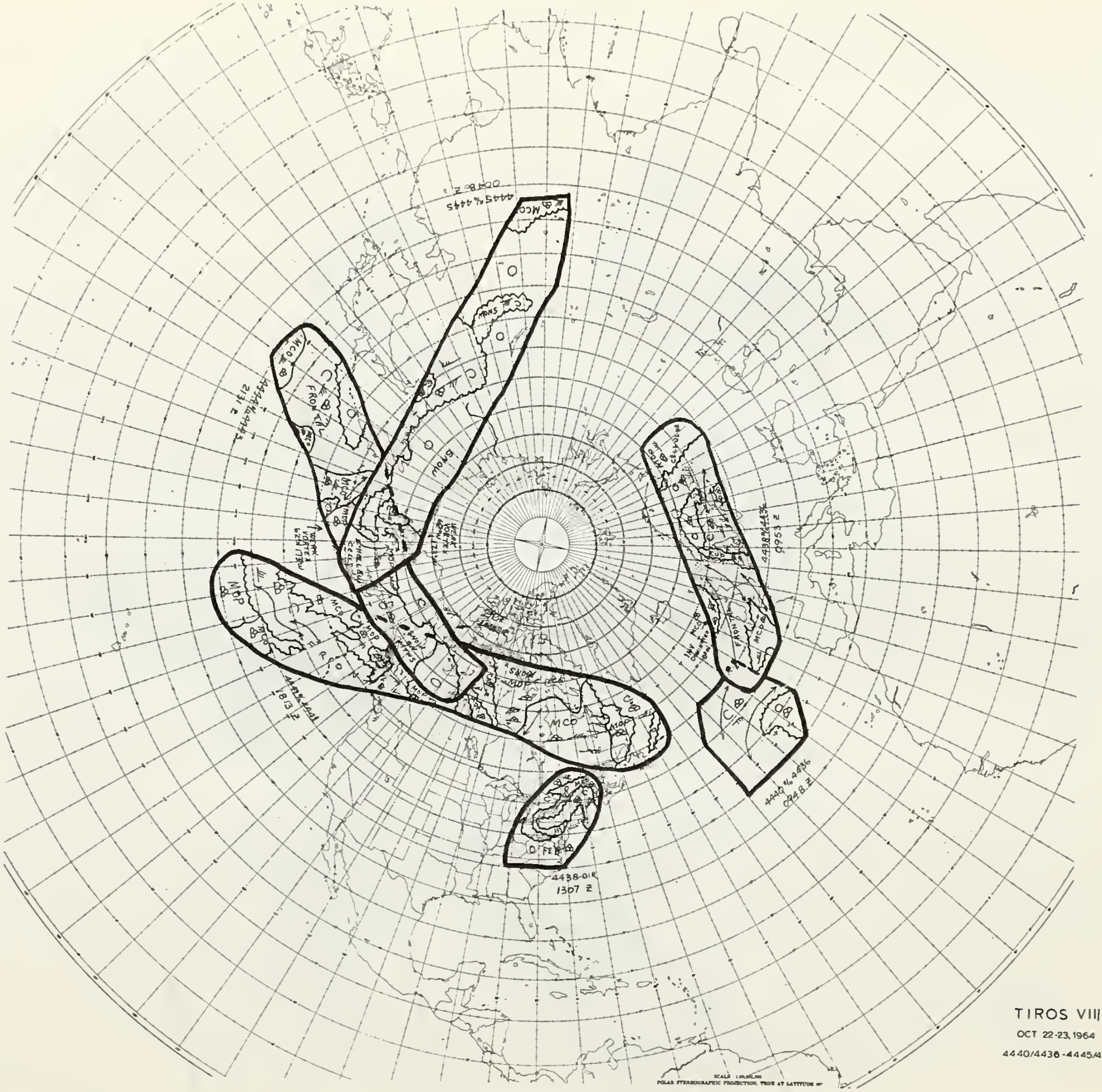
OCT. 20,21, 1964

PASSES

4409, 4408, 4416, 4416


4423/4422 1052 Z
4423 DIR 1215 Z
4425 DIR 1534 Z
4428/4428 2037 Z
4429/4429 2216 Z
4430/4430 2357 Z
UK VORTEX
FRONTAL
SNOW
FEW BRKS
BRKS
MOP
MCO
INVERSION DOMINATED
ON SHORE FLOW
50°N 160°E
40°N 160°E
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

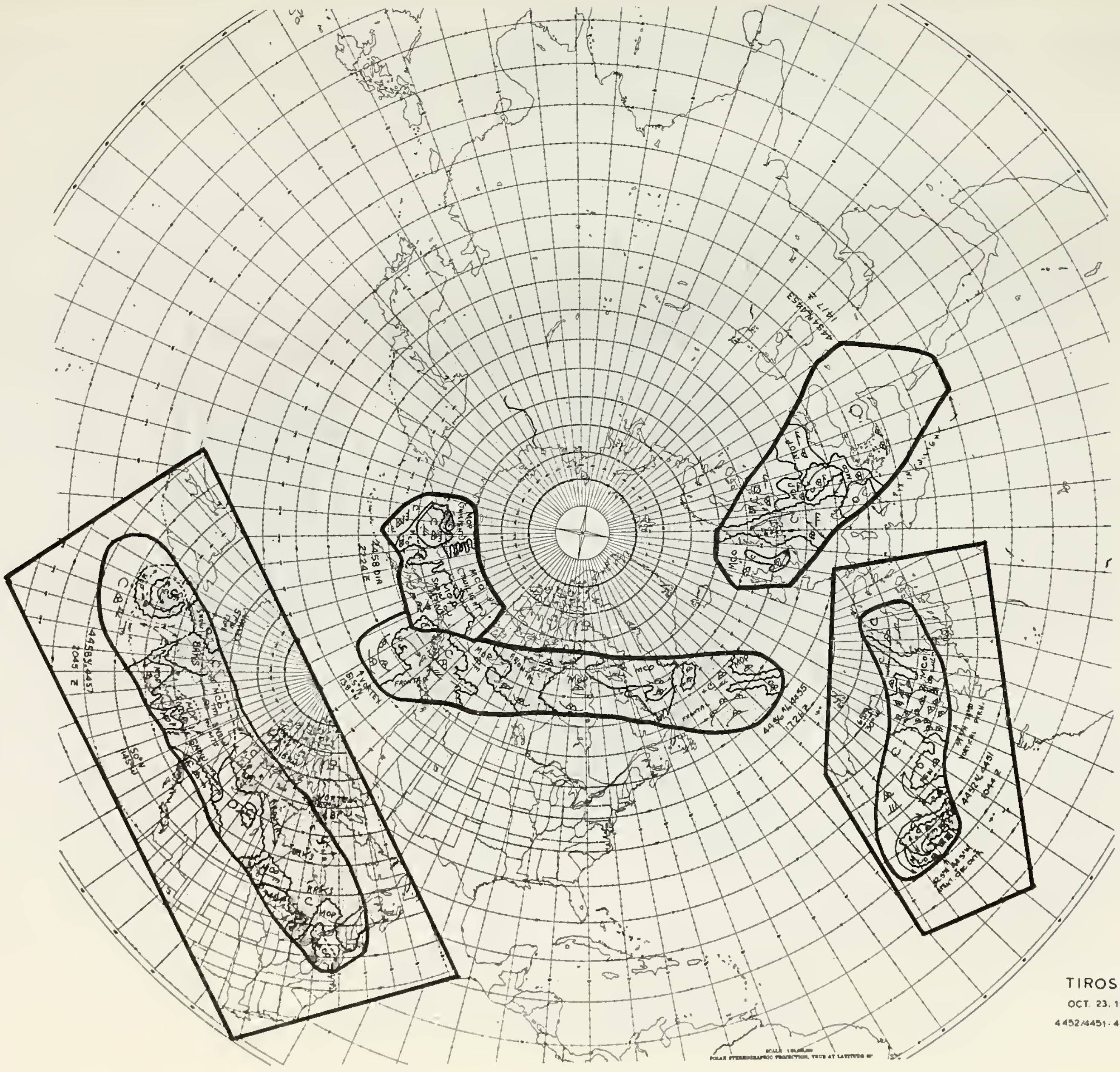
TIROS VIII
OCT 21-22, 1964
4423/4422 - 4431/4431


4445/4445
0048 Z
4444/4443
2131 Z
4441/4441
1813 Z
4438-01R
1307 Z
4440/4436
0948 Z
4438/4437
0953 Z
MCO
MOP
C
FRONTAL
SNOW
WEAK VORTEX 62N 173W
WEAK VORTEX
SHALLOW CELLS
SNOW ON MTNS
INV MCO ORIENTED
FRONTAL
FEB
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

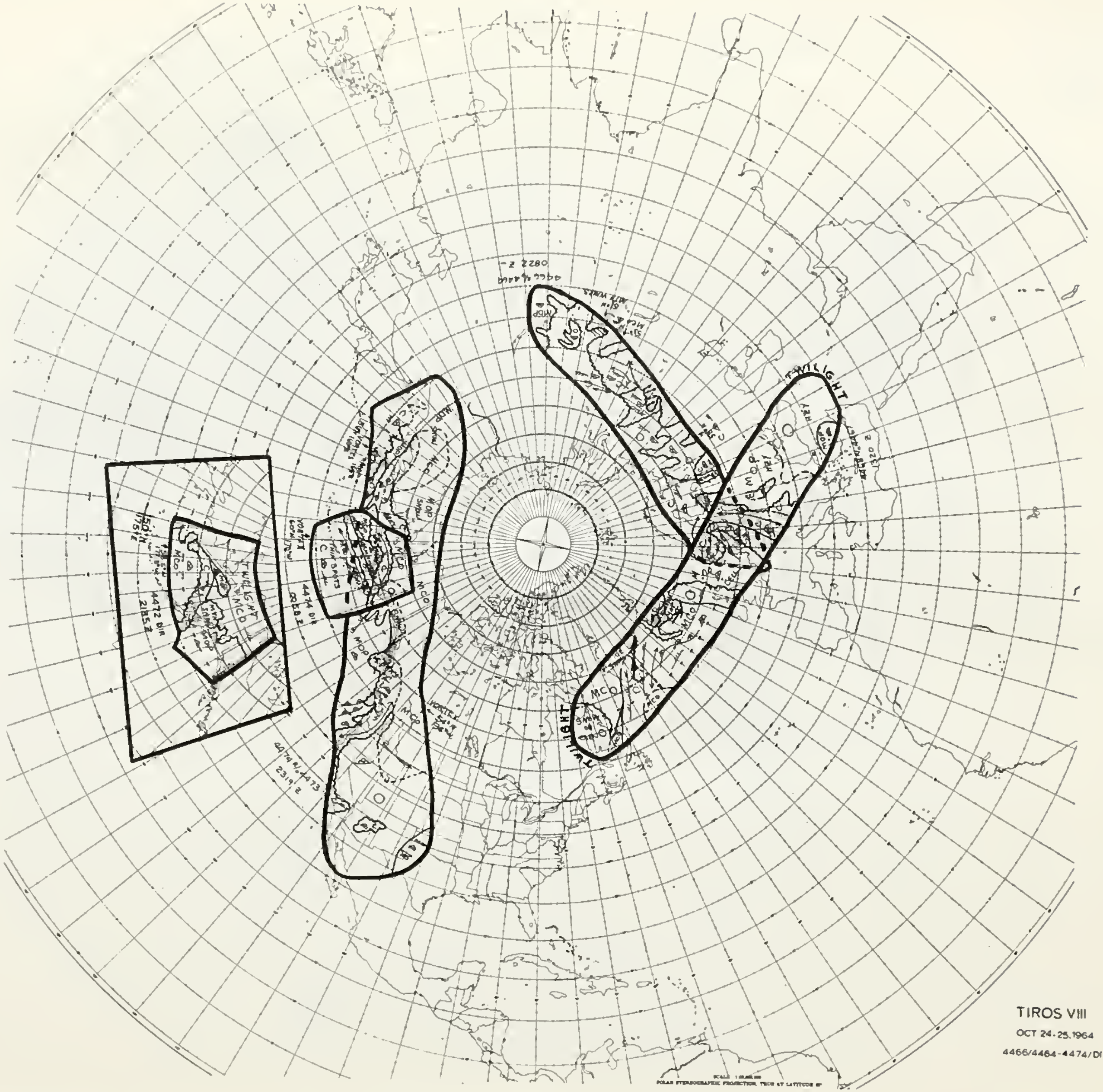
TIROS VIII

OCT 22-23, 1964

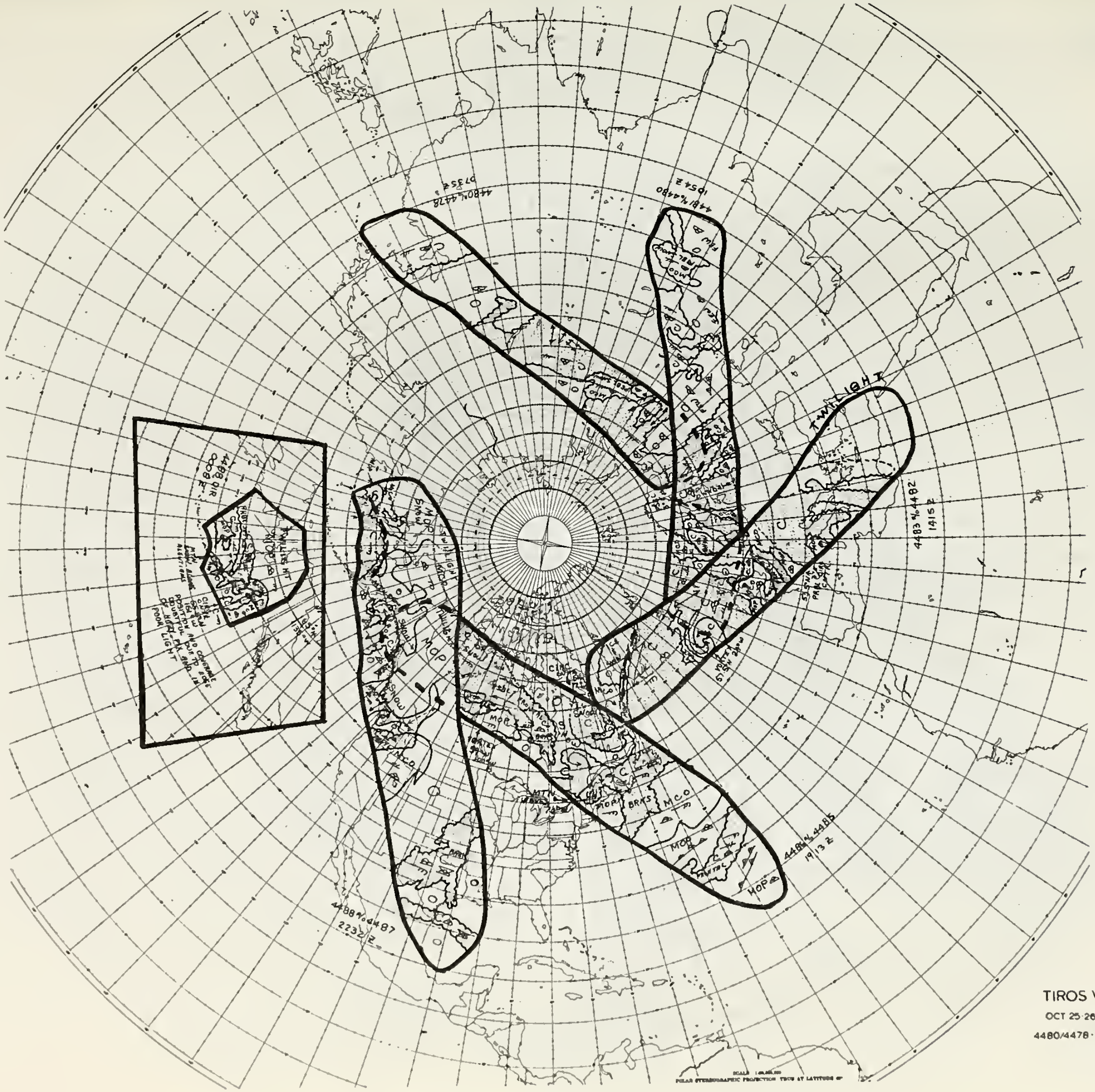
4440/4436-4445/4445


4434/4453
1417 Z
4458 DIR
2224 Z
4456/4455
1724 Z
4452/4451
1044 Z
4458Y/4457
2045 Z
MOP
MCO
TWILIGHT
VORTICAL PTRN.
FRONTAL
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
OCT. 23, 1964
4452/4451-4458/DIR


TWILIGHT
TWILIGHT
TWILIGHT
4466/4464
0822 Z
4464/4467
1320 Z
MCO
MOP
MOP
SNOW
HZY
C
O
VORTEX
60°N
170°W
4474 DIR
0058 Z
THIN SPOTS
4474N/4473
2319 Z
50°N
175°E
4472 DIR
2185 Z
MTNS
SNOW
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

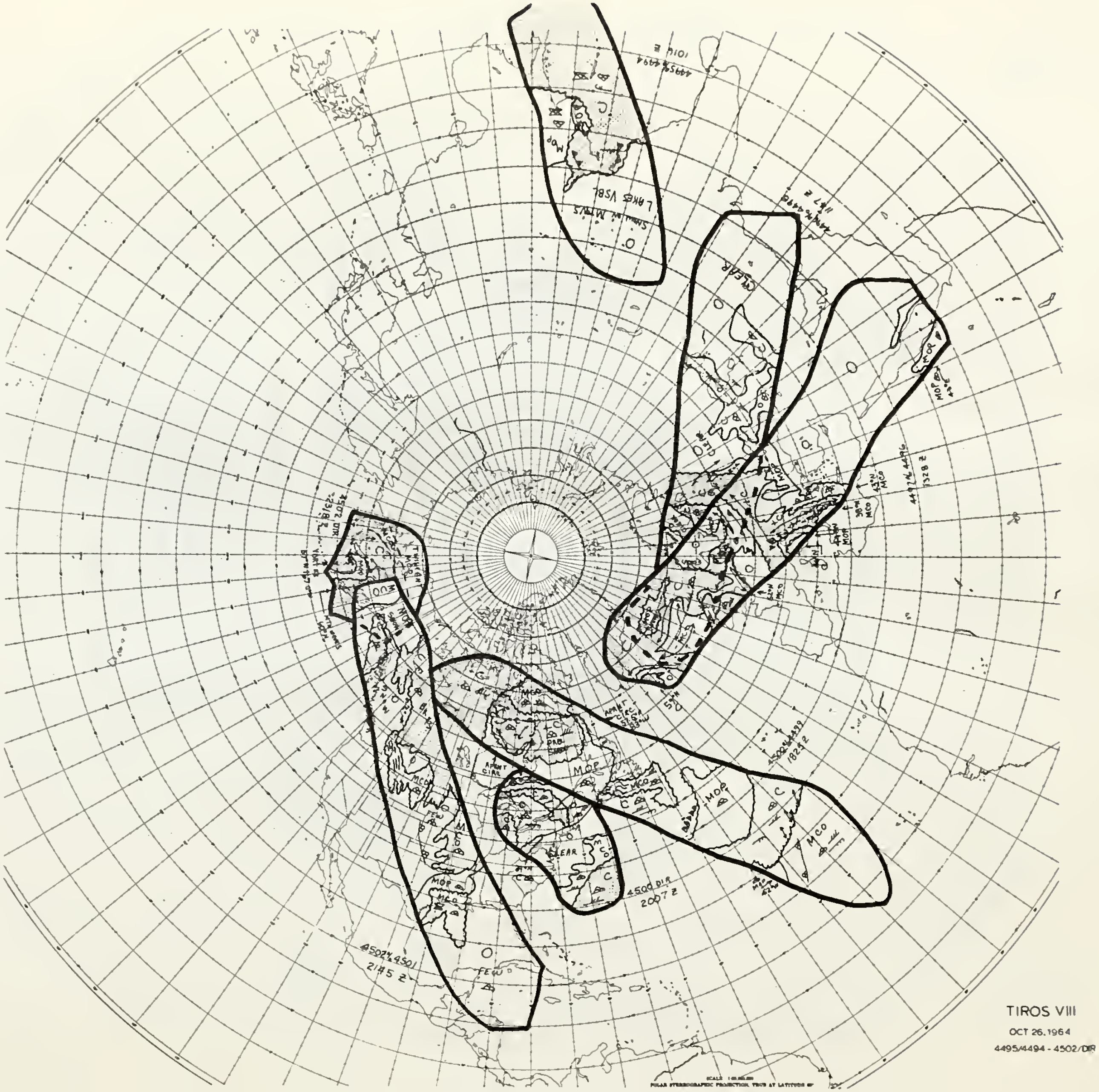
TIROS VIII
OCT 24-25,1964
4466/4464-4474/DIR


4480/4478
0735Z
4481/4480
1054Z
4483/4482
1415Z
TWILIGHT
4486/4485
1913Z
4488/4487
2232Z
4488 QIR
0008Z
TWILIGHT
MOP
SNOW
MCO
BRKS
MTN BLOCK ALONG ALEUTIANS
POSITION AND COVERAGE DOUBTFUL DUE TO EDGE OF HORIZ PIX AND IN POOR LIGHT
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

TIROS VIII

OCT 25-26, 1964

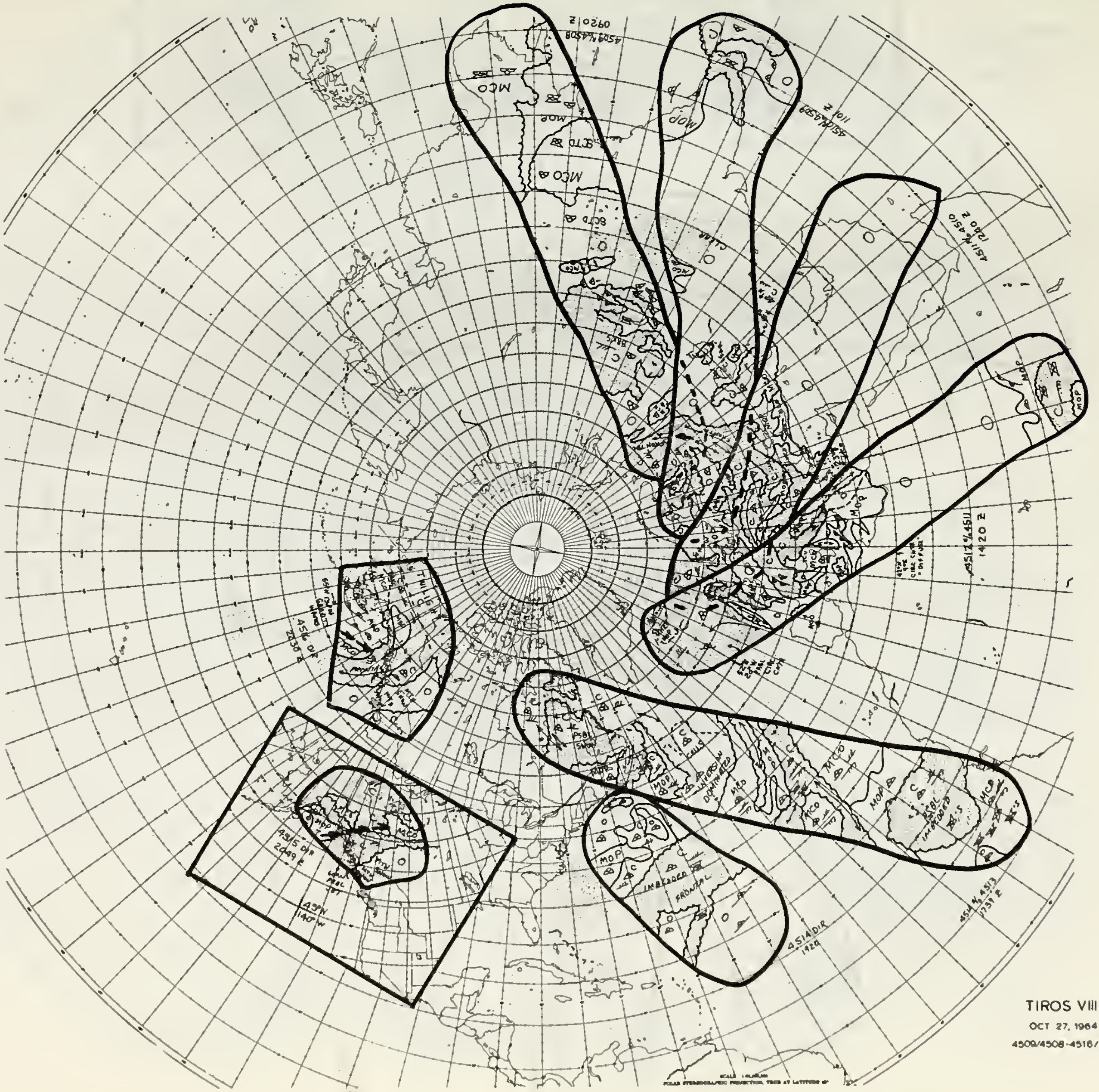
4480/4478 · 4488/4487


4495 & 4494
1014 Z
SNOW W MTNS
LAKES VSBL
MOP
4497 & 4498
1167 Z
CLEAR
MOP
4497 & 4496
1328 Z
38°N
MCO
43°N
MCO
44°N
MOP
4500 & 4499
1824 Z
APPARENT CIRC
PROB SNOW
MOP
MCO
CLEAR
4500 DIR
2007 Z
4502 & 4501
2145 Z
FEW
TWILIGHT
MOD
MOP
SNOW
EVO
4502 DIR
2318 Z
VORTEX
67°N 167°W
MTN WAVES
VOR

TIROS VIII

OCT 26, 1964

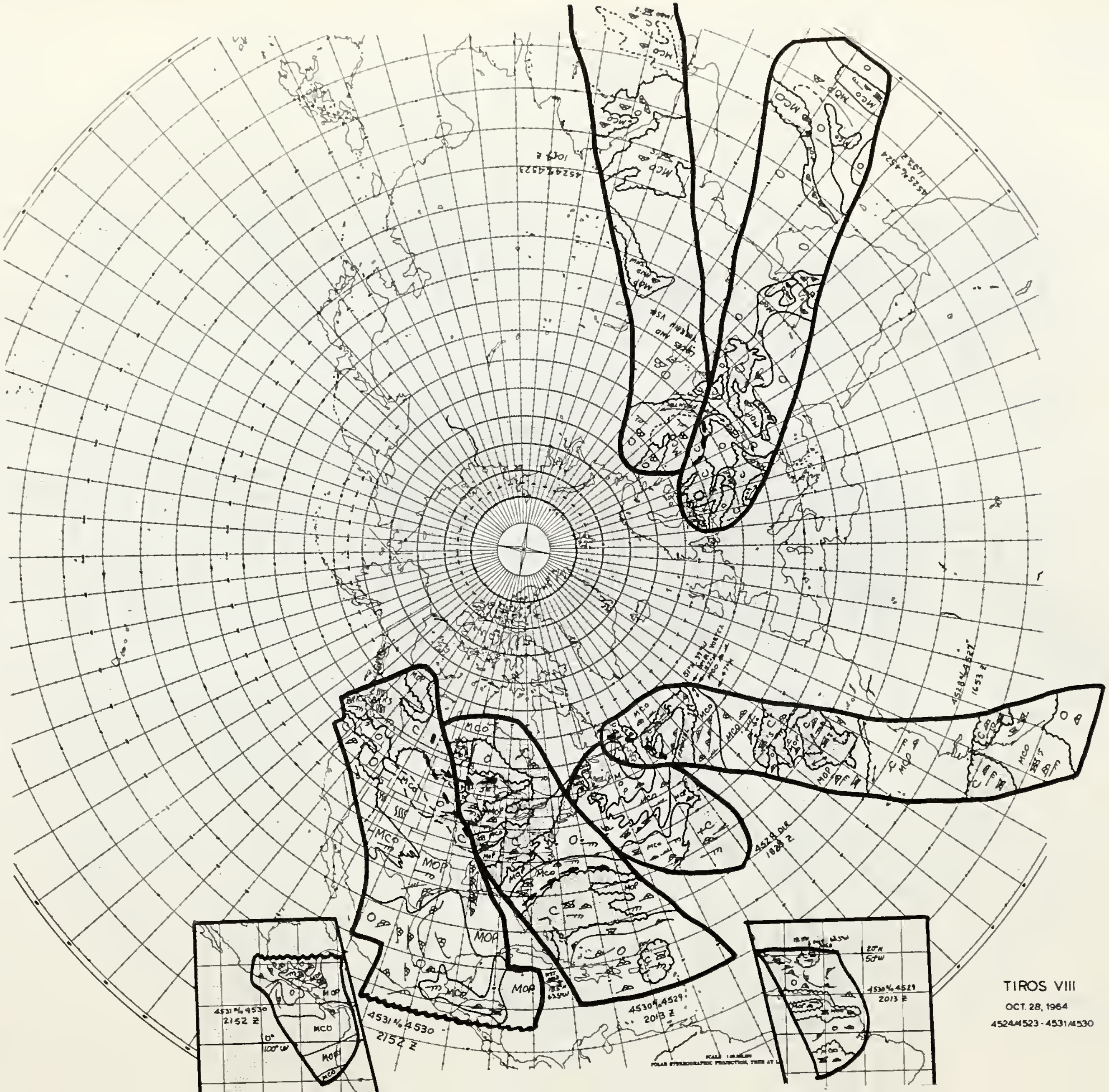
4495/4494 - 4502/DIR


4509/4508
0920 Z
4510/4509
1101 Z
4511/4510
1240 Z
4512/4511
1420 Z
4514/4513
1739 Z
4514 DIR
1920
4516 DIR
2230 Z
4515 DIR
2049 Z
45°N
140°W
MCO
MOP
SCTD
C
BRKS
CLEAR
INVERSION DOMINATED
IMBEDDED
FRONTAL
TWILIGHT
SNOW

TIROS VIII

OCT 27, 1964

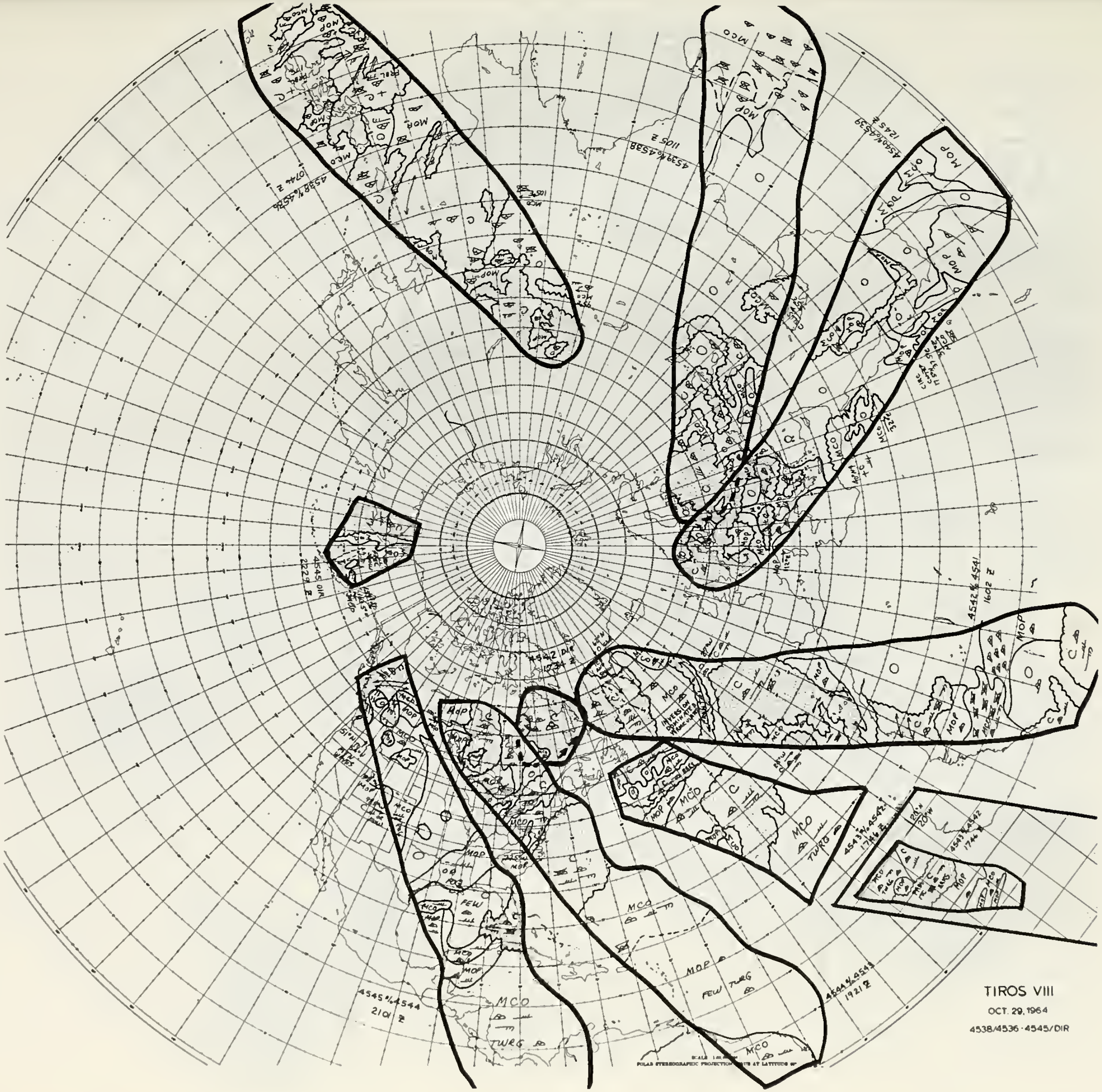
4509/4508-4516/DIR


4524 N/ 4523
1014 Z
4525 N/ 4524
1152 Z
4528 N/ 4527
1653 Z
4524 D/R
1828 Z
4530 N/ 4529
2013 Z
4531 N/ 4530
2152 Z
MCO
MOP
C
0°
100° W
20° N
50° W

TIROS VIII

OCT. 28, 1964

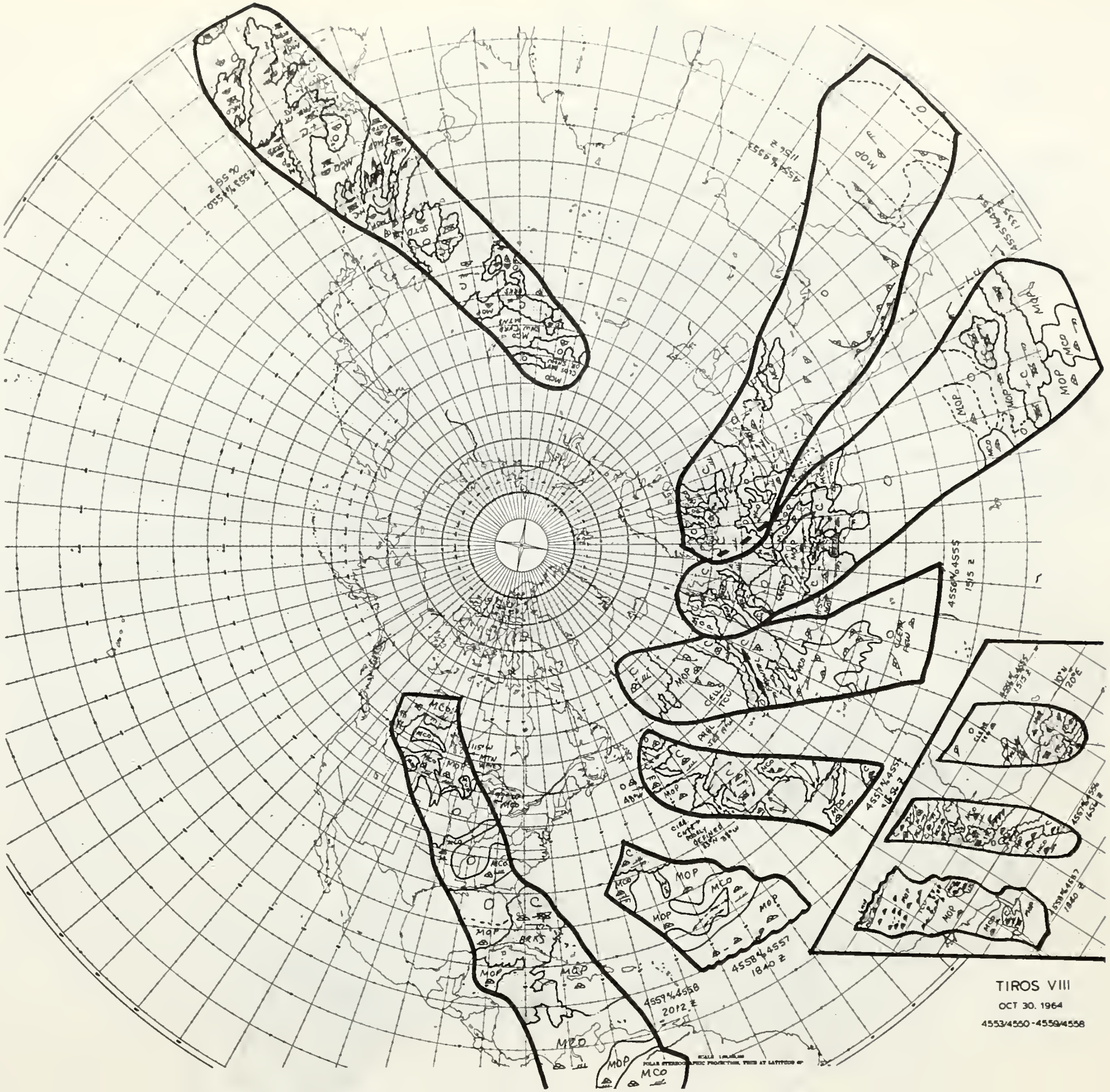
4524/4523 - 4531/4530


4538¼4536 0744 Z
4539¼4538 1105 Z
4540¼4539 1245 Z
4542¼4541 1602 Z
4543¼4542 1746 Z
4544¼4543 1921 Z
4545¼4544 2101 Z
4545 DIR 2229 Z
4542 DIR 1034 Z
20°N 20°W
MCO
MOP
FEW TURG
INVERSION DOMINATED WEATHER
SCALE 1:40,000,000
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

TIROS VIII

OCT. 29, 1964

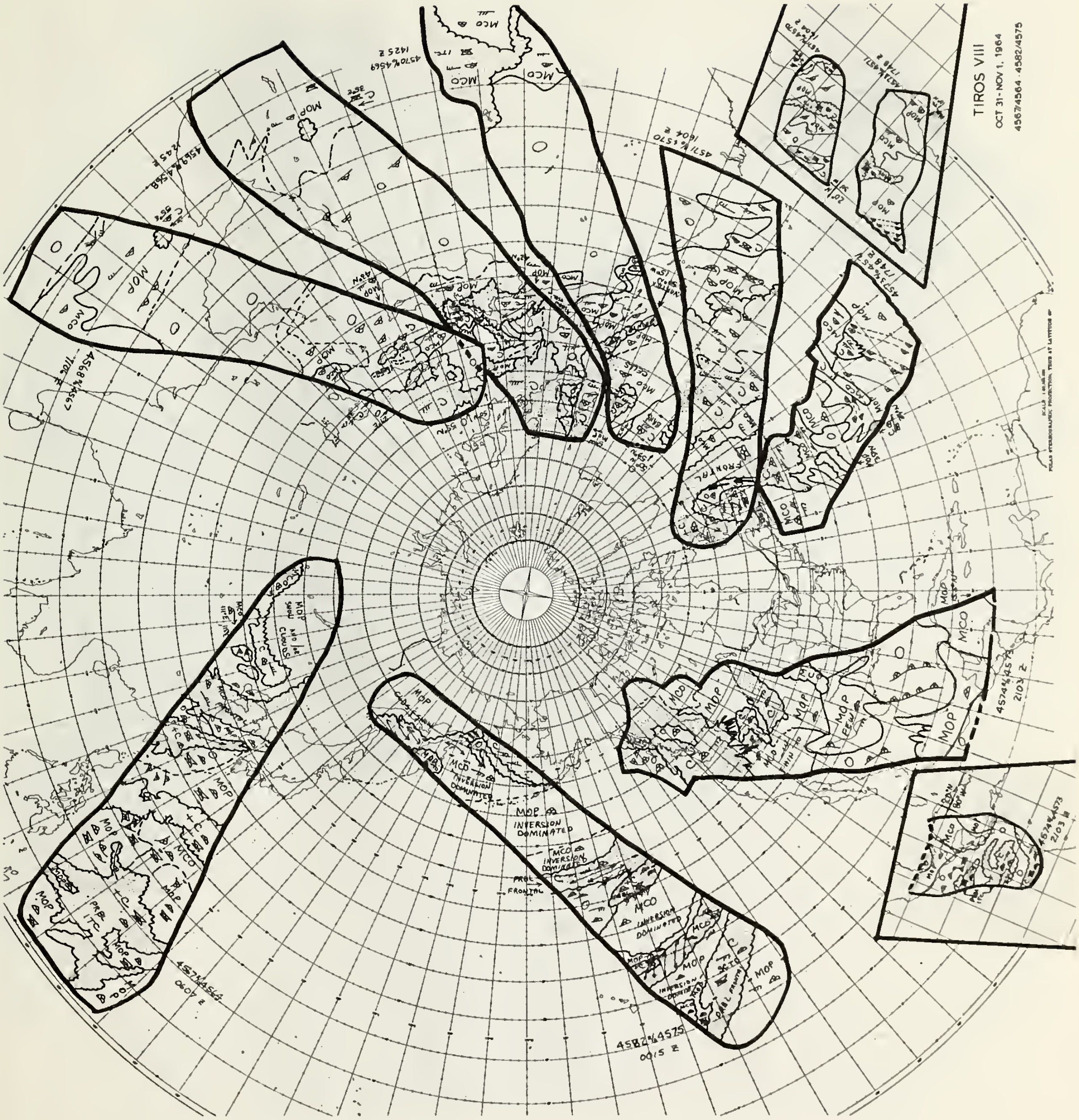
4538/4536 · 4545/DIR


4553/4550 0956 Z
4554/4553 1156 Z
4555/4554 1335 Z
4556/4555 1515 Z
4557/4556 1654 Z
4557/4557 1832 Z
4558/4557 1840 Z
4559/4558 1840 Z
4557/4558 2012 Z
10°N 20°E
MOP
MCO
C
O
CLEAR FEW
CELLS TCU
CIRR CU
POORLY DEFINED
BRKS
MTN
SCALE 1:30,000,000 POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

OCT 30, 1964

4553/4550-4559/4558

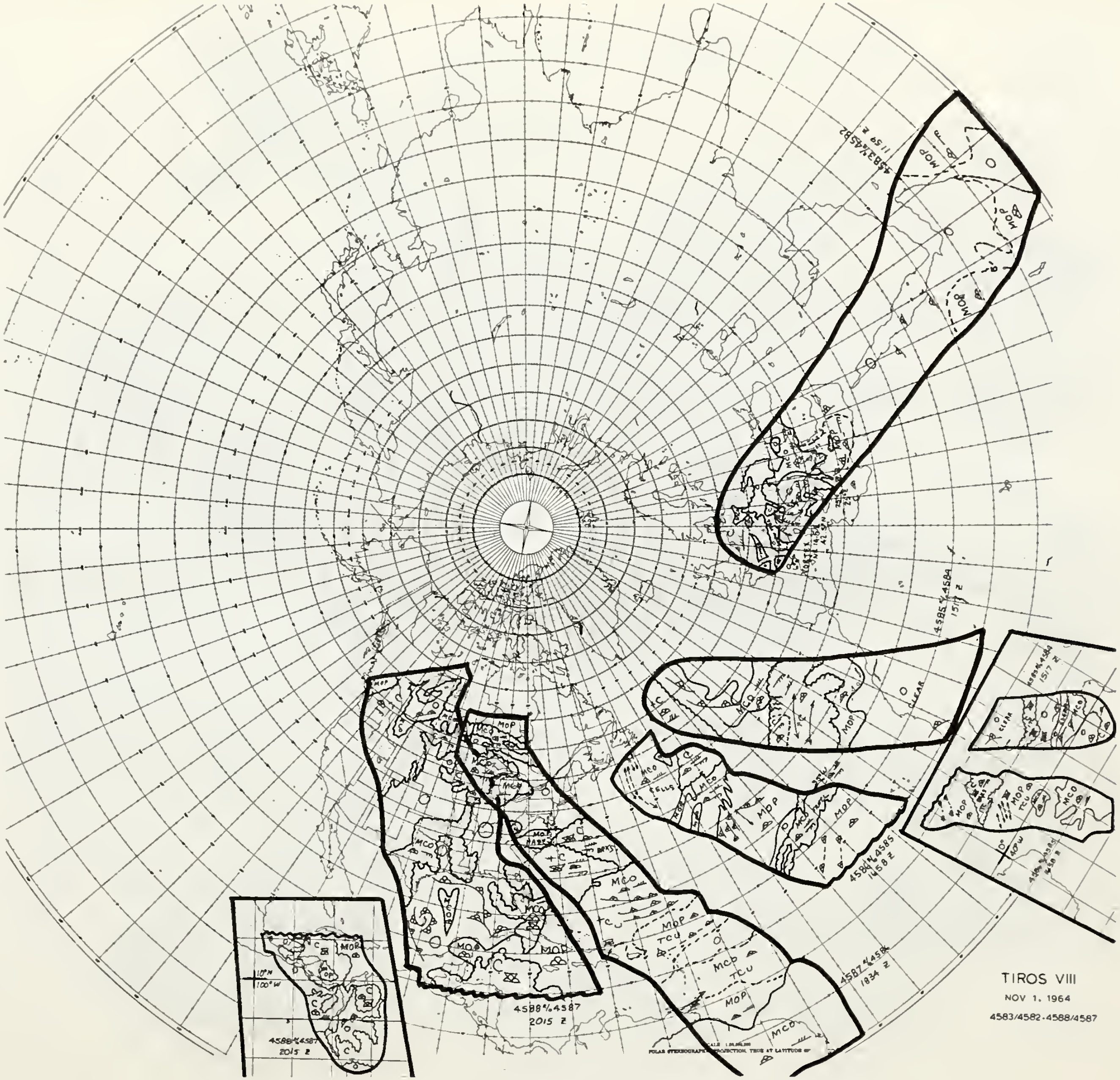


TIROS VIII

OCT 31 - NOV 1, 1964

4567/4564 · 4582/4575

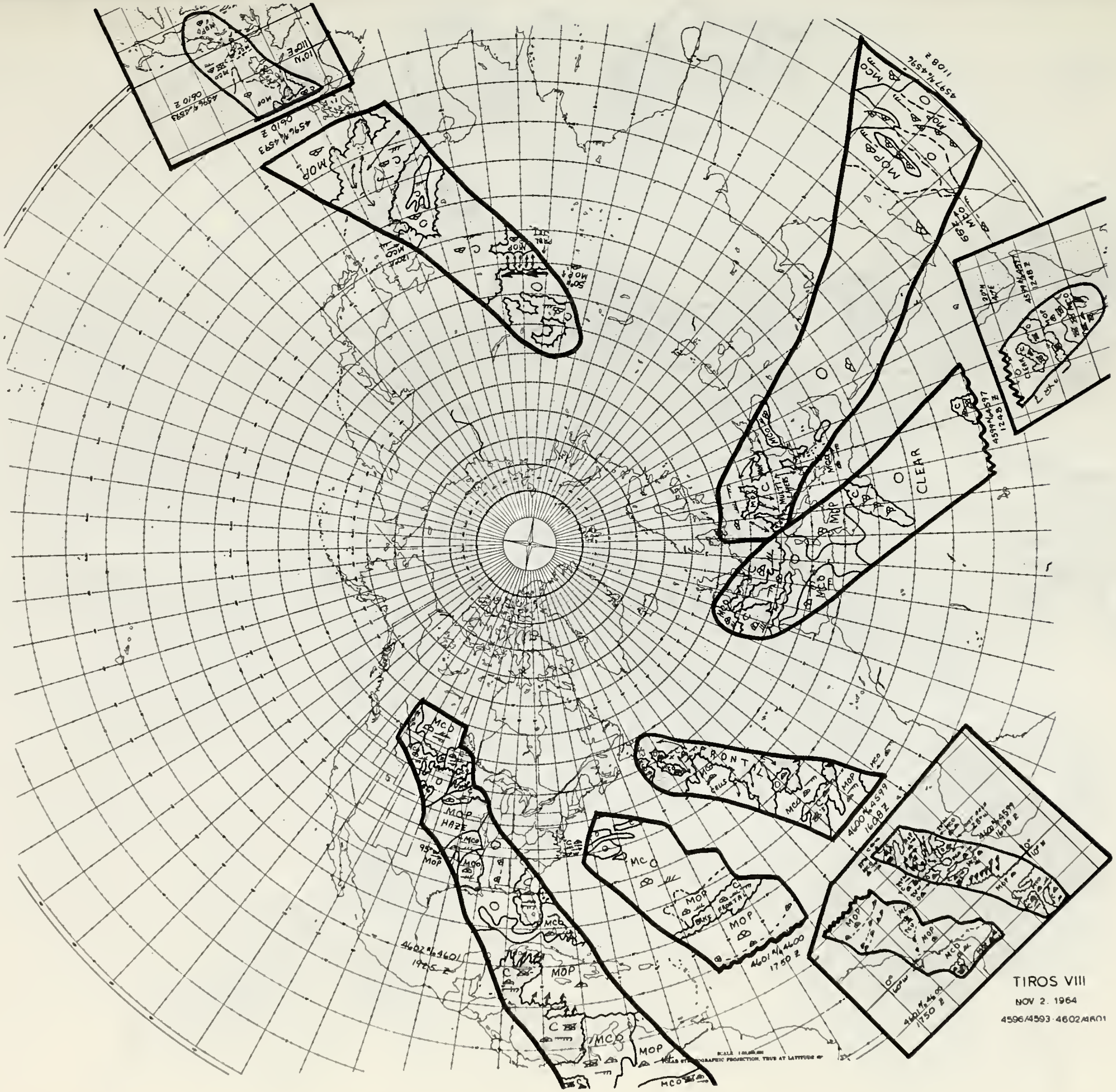
4568/4567
1106 Z
4569/4568
1245 Z
4570/4569
1425 Z
4571/4570
1604 Z
4572/4571
1748 Z
4573/4572
4574/4573
2103 Z
4575/4564
0607 Z
4582/4575
0015 Z
MOP
MCO
ITC
C
FRONTAL
CELLS
MOP SNOW AND/OR CLOUDS
MCO INVERSION DOMINATED
MOP INVERSION DOMINATED
INVERSION DOMINATED
PROB FRONTAL
MOP FEW


4583/4582
1159 Z
MOP
4585/4584
1517 Z
CLEAR
MCO
4586/4585
1458 Z
4585/4584
1517 Z
40°W
4587/4586
1834 Z
TCU
MOP
MCO
4588/4587
2015 Z
10°N
100°W
4588/4587
2015 Z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

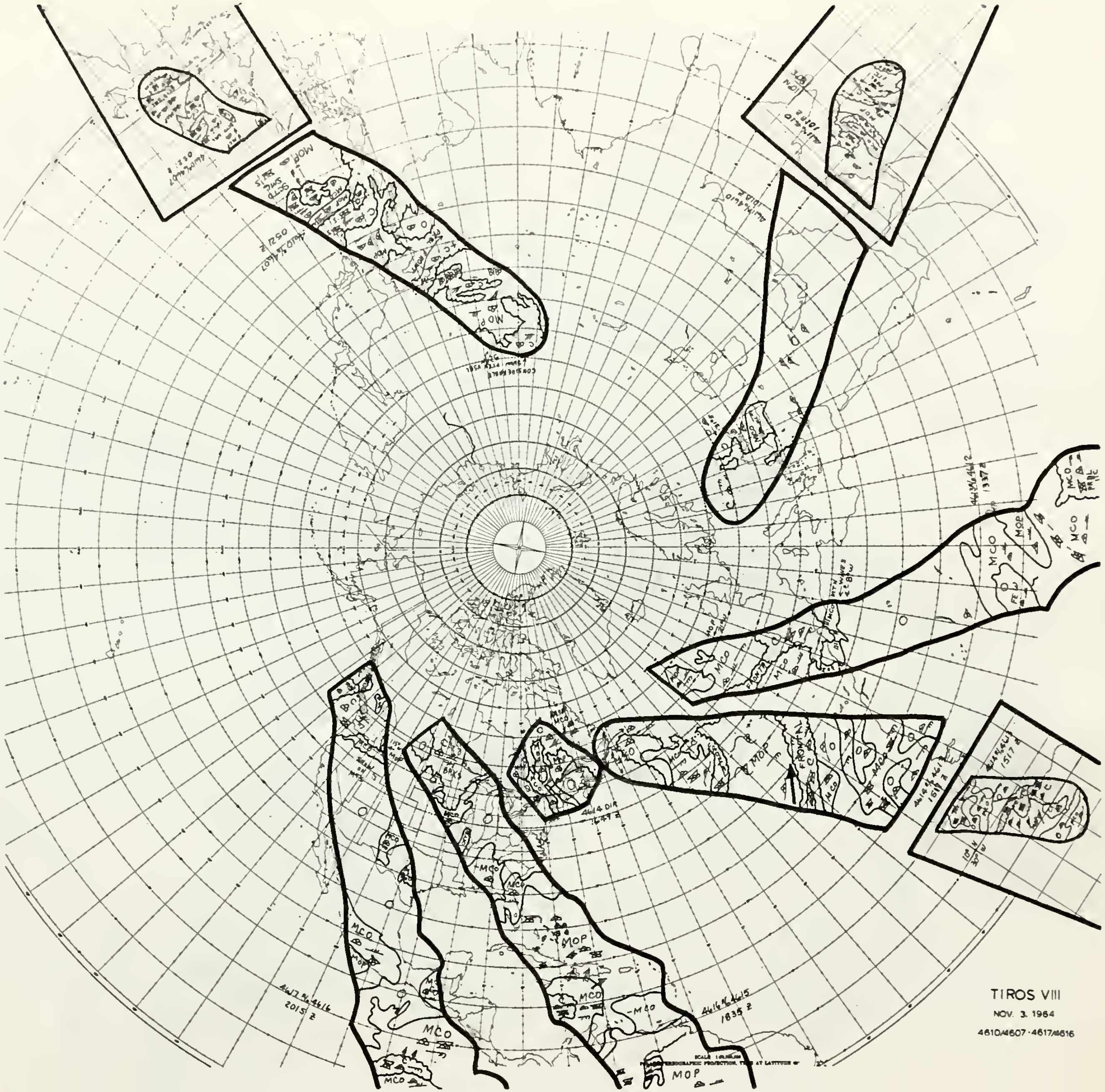
TIROS VIII

NOV 1, 1964

4583/4582-4588/4587

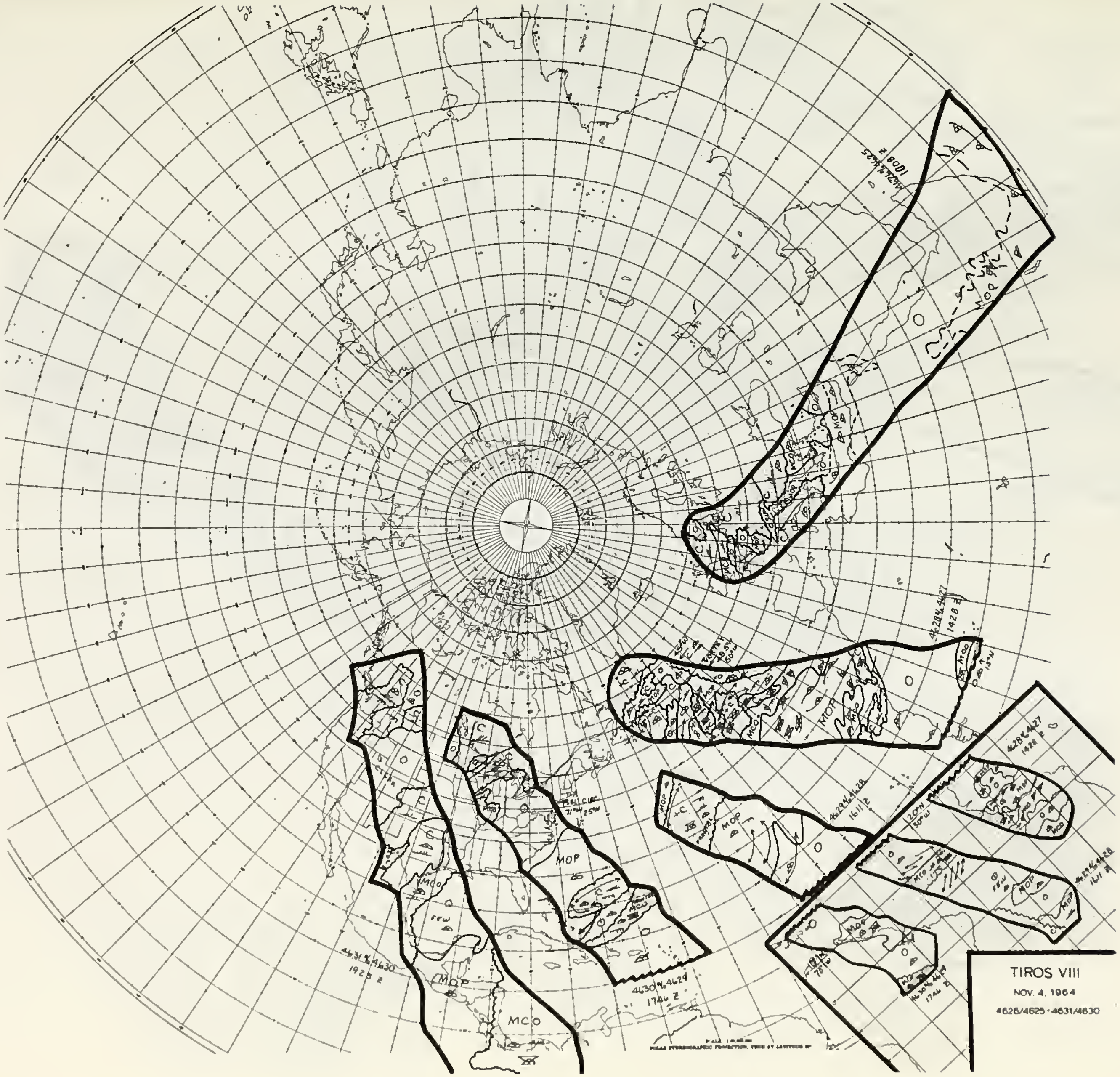

4596/4593 0610 Z
110°E
10°N
4596/4593 0610 Z
MOP
C
MCO
MOP
PIBAL
50°P MOP
4597/4596 1108 Z
MCO
MOP
O
69Z MCO
4599/4597 1248 Z
20°N
40°E
CLEAR
4599/4597 1248 Z
CLEAR
O
MULTI LAYERS
C
MCO
MOP
MCO
FRONTAL
CELLS
MCO
MOP
MCO
4600/4599 1608 Z
MCO
MOP
C
MOP
4601/4600 1750 Z
4600/4599 1608 Z
MOP
MCO
4601/4600 1750 Z
MCO
MOP
HAZE
MOP
95°
MCO
MCO
4602/4601 1945 Z
C
MOP
C
MCO
MOP
MCO
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
NOV 2, 1964
4596/4593 · 4602/4601



MOP
MCO
FRONTAL

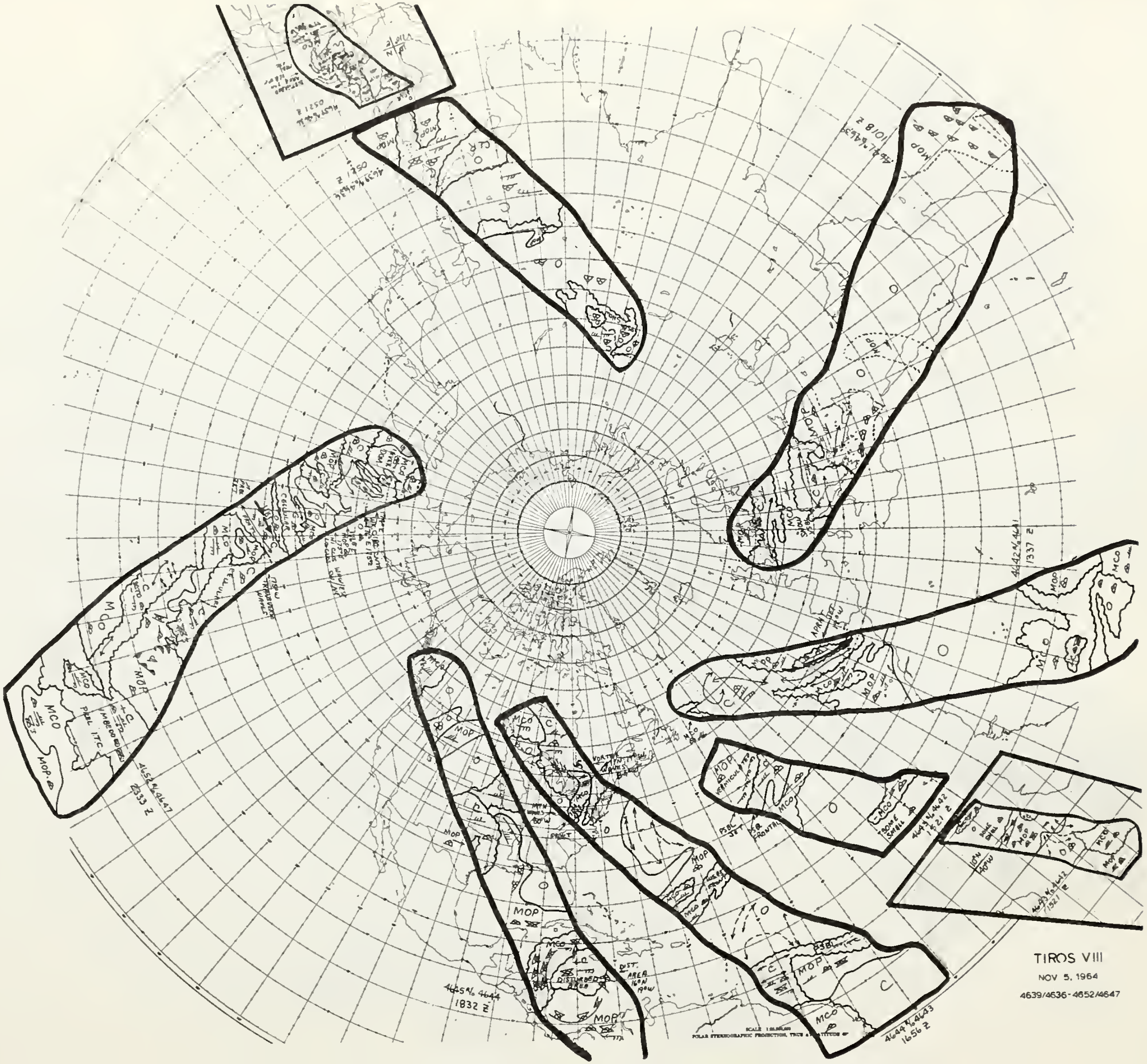
TIROS VIII
NOV. 3, 1964
4610/4607-4617/4616


TIROS VIII

NOV. 4, 1964

4626/4625 · 4631/4630

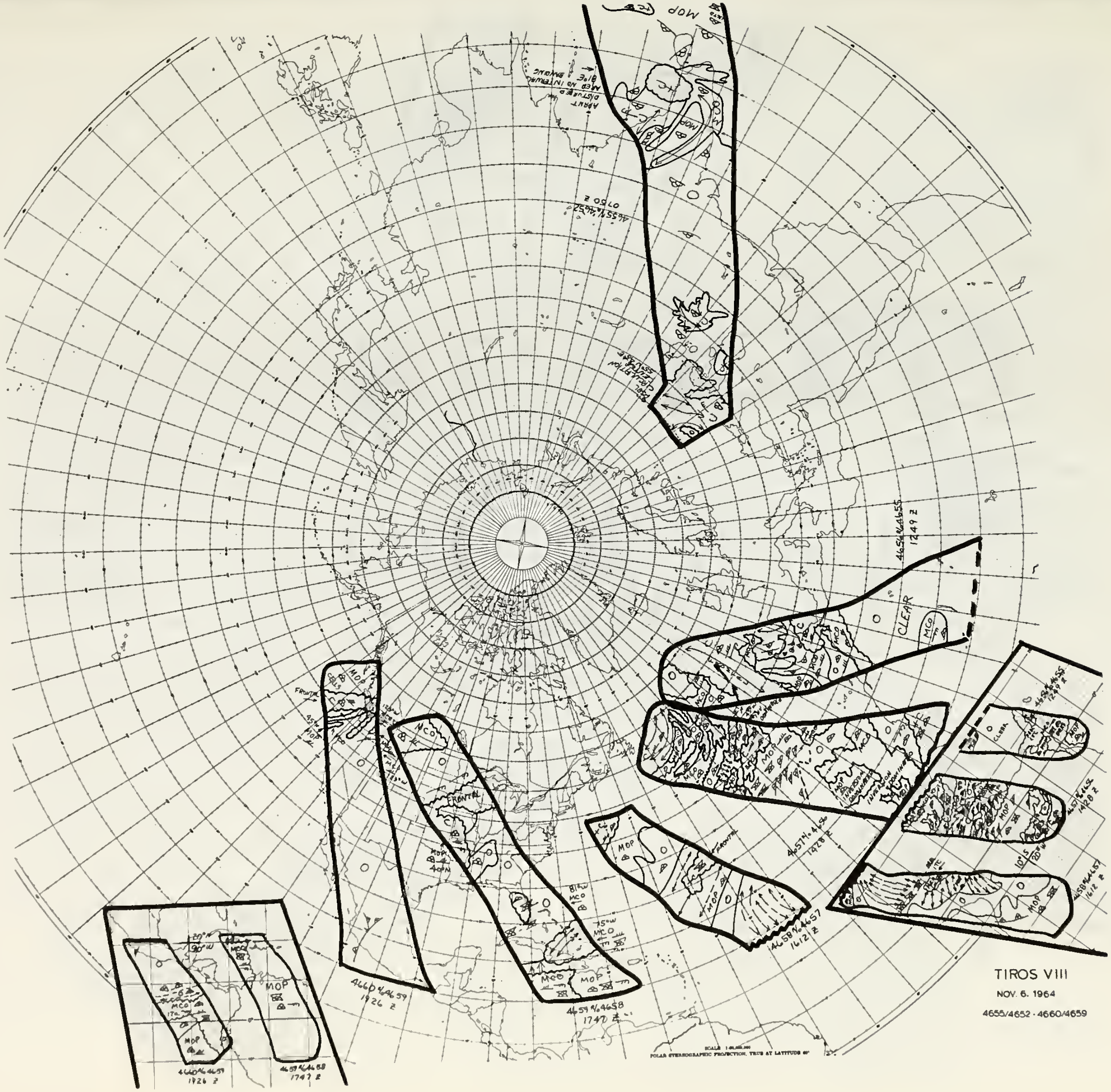
4627 & 4625 1008 Z
4628 & 4627 1428 Z
4629 & 4628 1611 Z
4630 & 4629 1746 Z
4631 & 4630 1925 Z
VORTEX 49°N 60°W
15°N
20°N 30°W
10°N 70°W
71°W 25°N
FRONTAL
MOP
MCO
MOO
FEW
C
O


4641/4639 1018 Z
4642/4641 1337 Z
4643/4642 1521 Z
4644/4643 1656 Z
4645/4644 1832 Z
4652/4647 2333 Z
4639/4636 0521 Z
MOP
MCO
C
CLR
CELLULAR
TRANSVERSE WAVES
IMBEDDED
PREL I.T.C.
DISTURBED AREA
PSBL
FRONTAL
VERMICULAR
MOP.

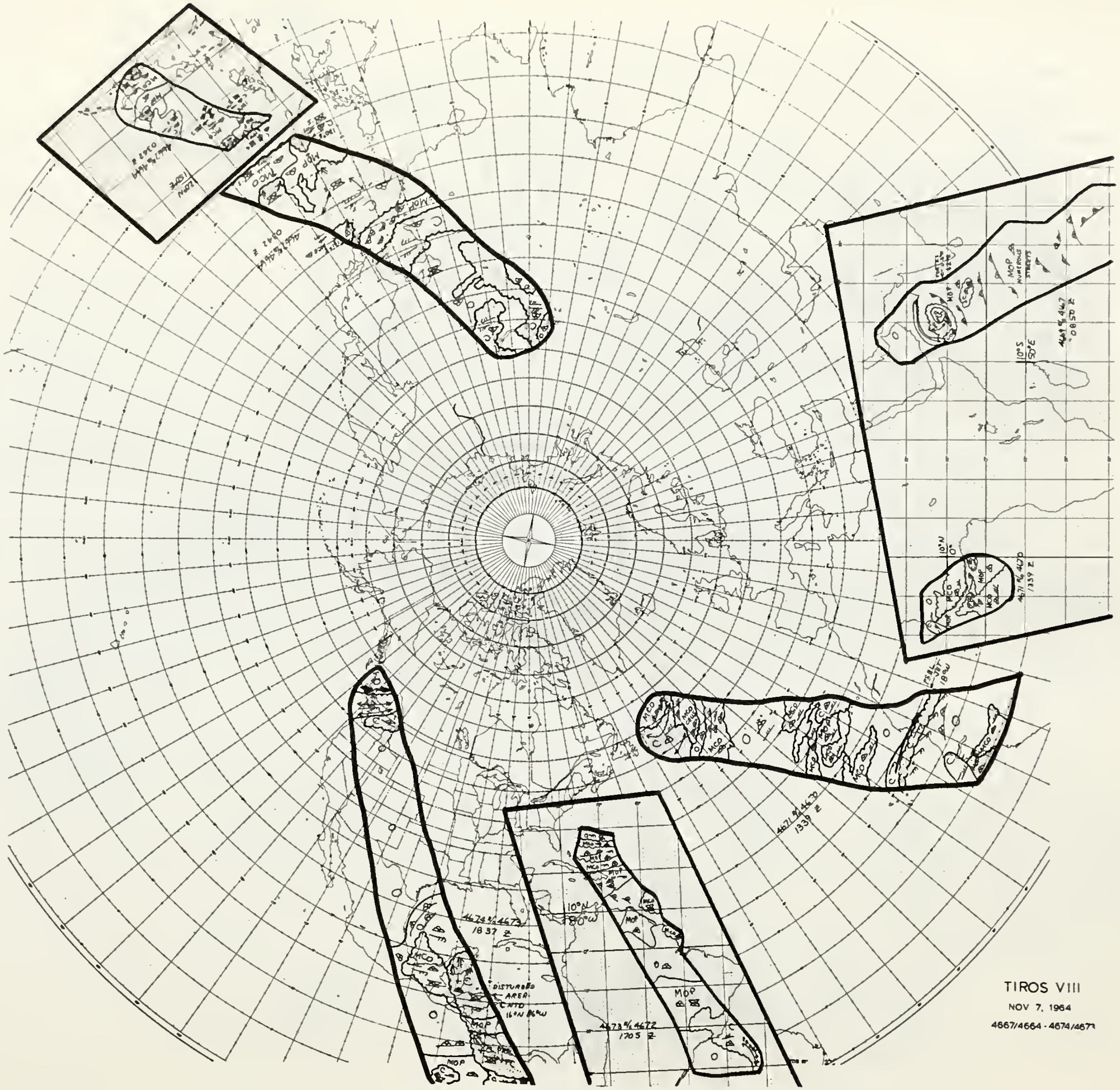
TIROS VIII

NOV 5, 1964

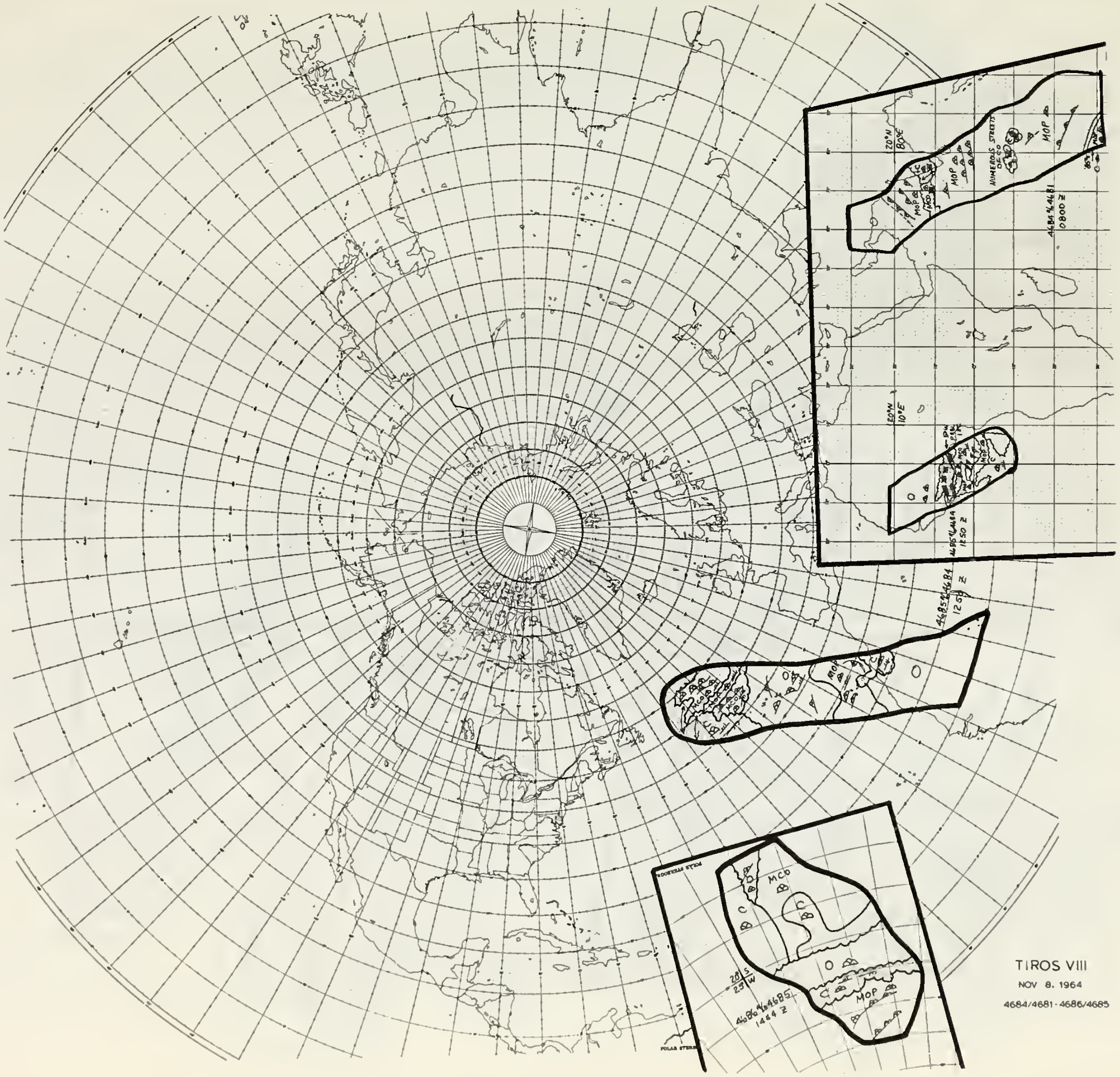
4639/4636-4652/4647


4654/4655
1249 Z
CLEAR
MCO
4657/4656
1428 Z
4658/4657
1612 Z
4659/4658
1747 Z
4660/4659
1926 Z
MOP
MCO
FRONTAL
CLEAR
INVERSION
INVERSION DOMINATED
81°W
75°W
95°W
10°S
20°W
ARNT
DISTURBED
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

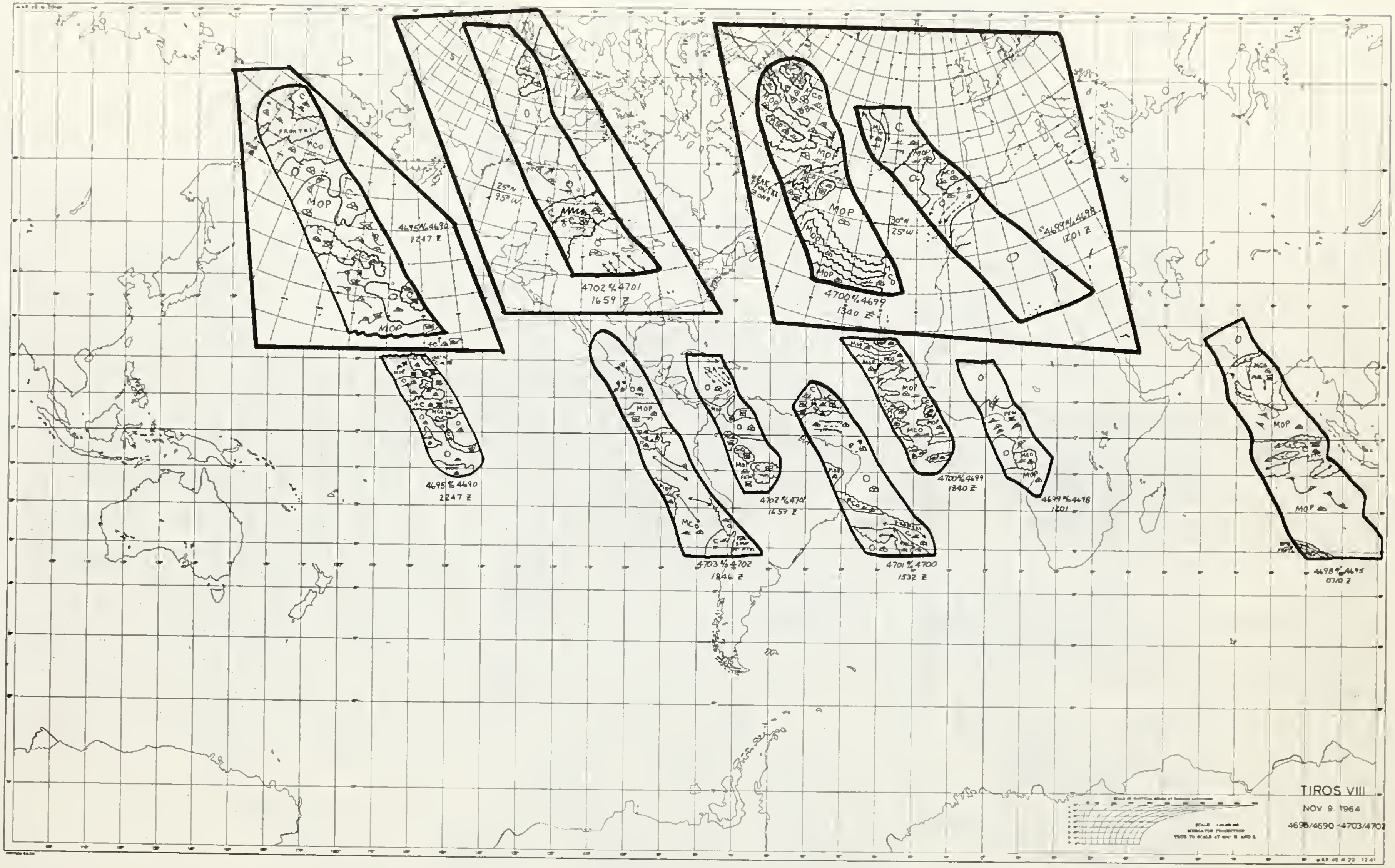
TIROS VIII
NOV. 6. 1964
4655/4652 · 4660/4659

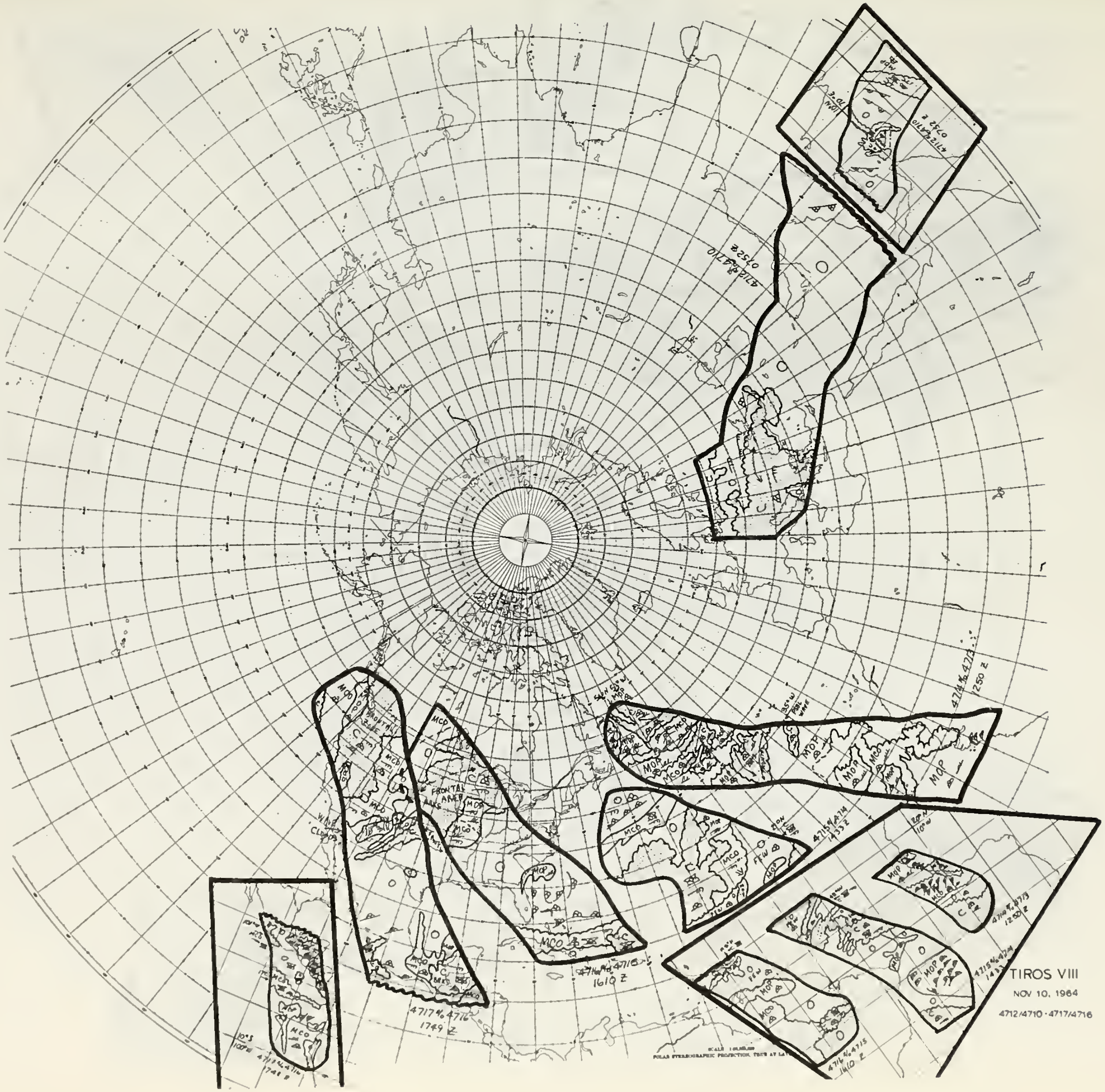

4669 & 4667
0850 Z
10°S
50°E
MOP
NUMEROUS
STREETS
10°N
0°
4671 & 4670
1339 Z
4671 & 4670
1339 Z
MCO
MOP
C
4674 & 4673
1837 Z
DISTURBED
AREA
CNTD
16°N 86°W
10°N
80°W
4673 & 4672
1705 Z
MOP
MCO

TIROS VIII
NOV 7, 1964
4667/4664 - 4674/4673


20°N
80°E
NUMEROUS STREETS
DE CO
MOP
MCO
4684/4681
0800 Z
20°N
10°E
4685/4684
1250 Z
4685/4684
1259 Z
MCO
MOP
C
O
28 S
25 W
4686/4685
1444 Z
MCO
C
O
MOP
POLAR STEREOGRAPHIC

TIROS VIII
NOV 8, 1964
4684/4681-4686/4685

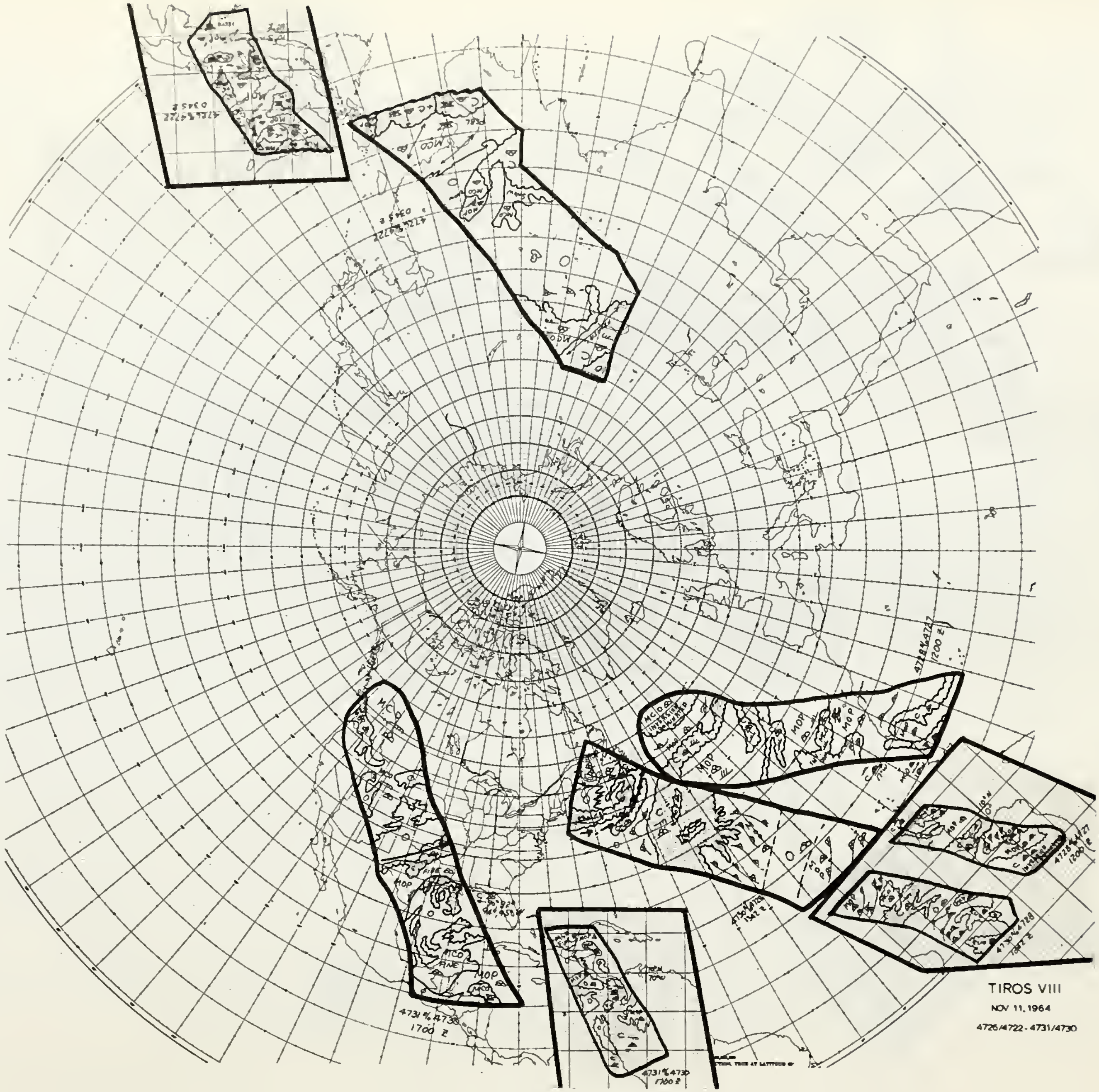
TIROS VIII
NOV 9 1964
4698/4690 -4703/4702
4695 % 4690
2247 Z
FRONTAL
MCO
MOP
4702 % 4701
1659 Z
25°N
95°W
4700 % 4699
1340 Z
WEAK FRONTAL ZONE
30°N
25°W
4699 % 4698
1201 Z
4695 % 4690
2247 Z
4703 % 4702
1846 Z
4702 % 4701
1659 Z
4701 % 4700
1532 Z
FRONTAL
4700 % 4699
1340 Z
4699 % 4698
1201
4698 % 4695
0710 Z


4712 & 4710
0752 Z
4712 & 4710
0742 Z
4714 & 4713
1250 Z
4715 & 4714
1433 Z
4716 & 4715
1610 Z
4717 & 4716
1749 Z
MOP
MCO
C
FEW
FRONTAL ANAK ARKS
35°W
20°N
10°W
10°S
100°W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LAT

TIROS VIII

NOV 10, 1964

4712/4710 · 4717/4716

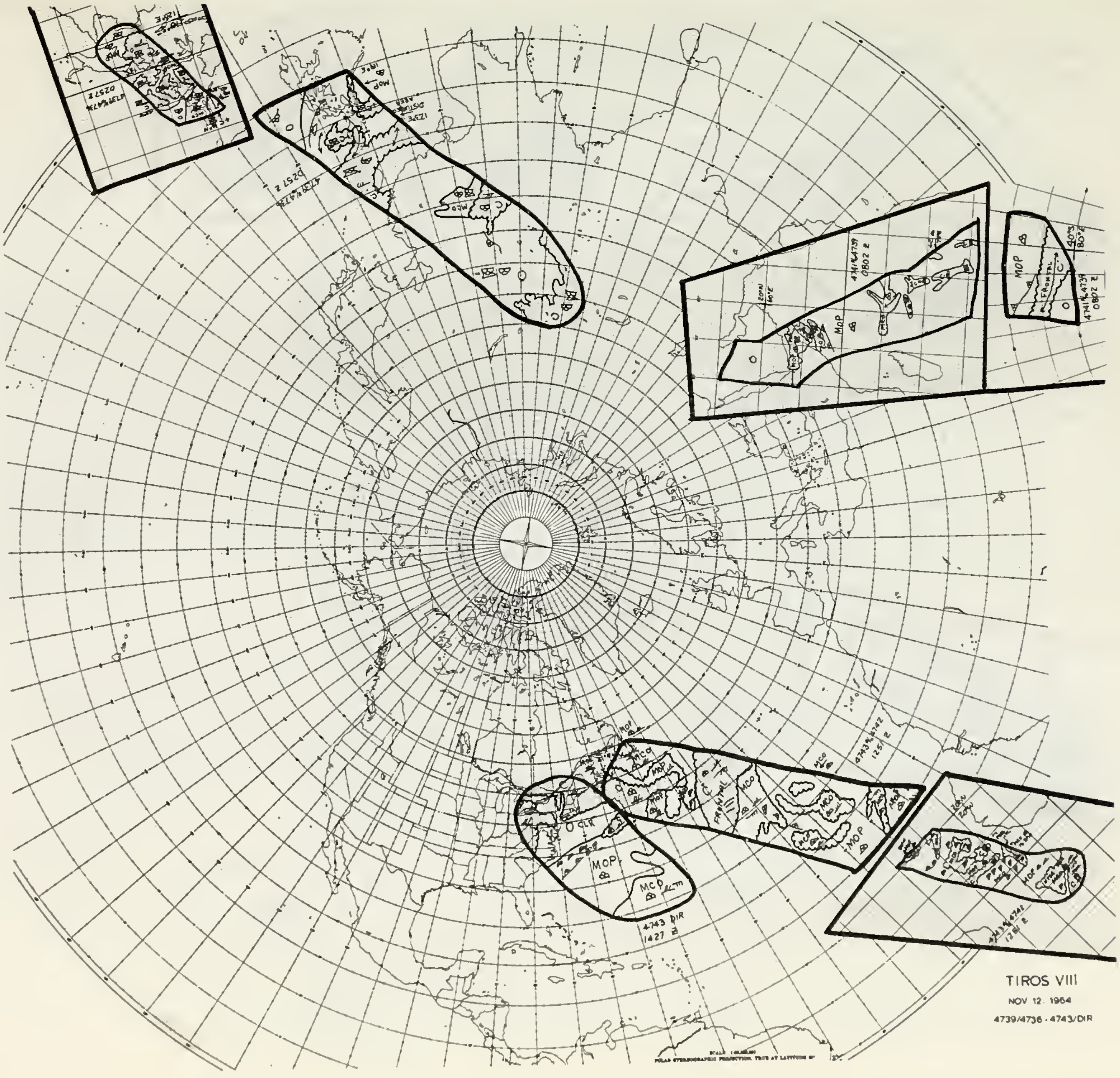


4726&4722
0345Z
4728&4727
1200 Z
4730&4728
1342 Z
4731&4730
1700 Z
MOP
MCO
FINE
C

TIROS VIII

NOV 11, 1964

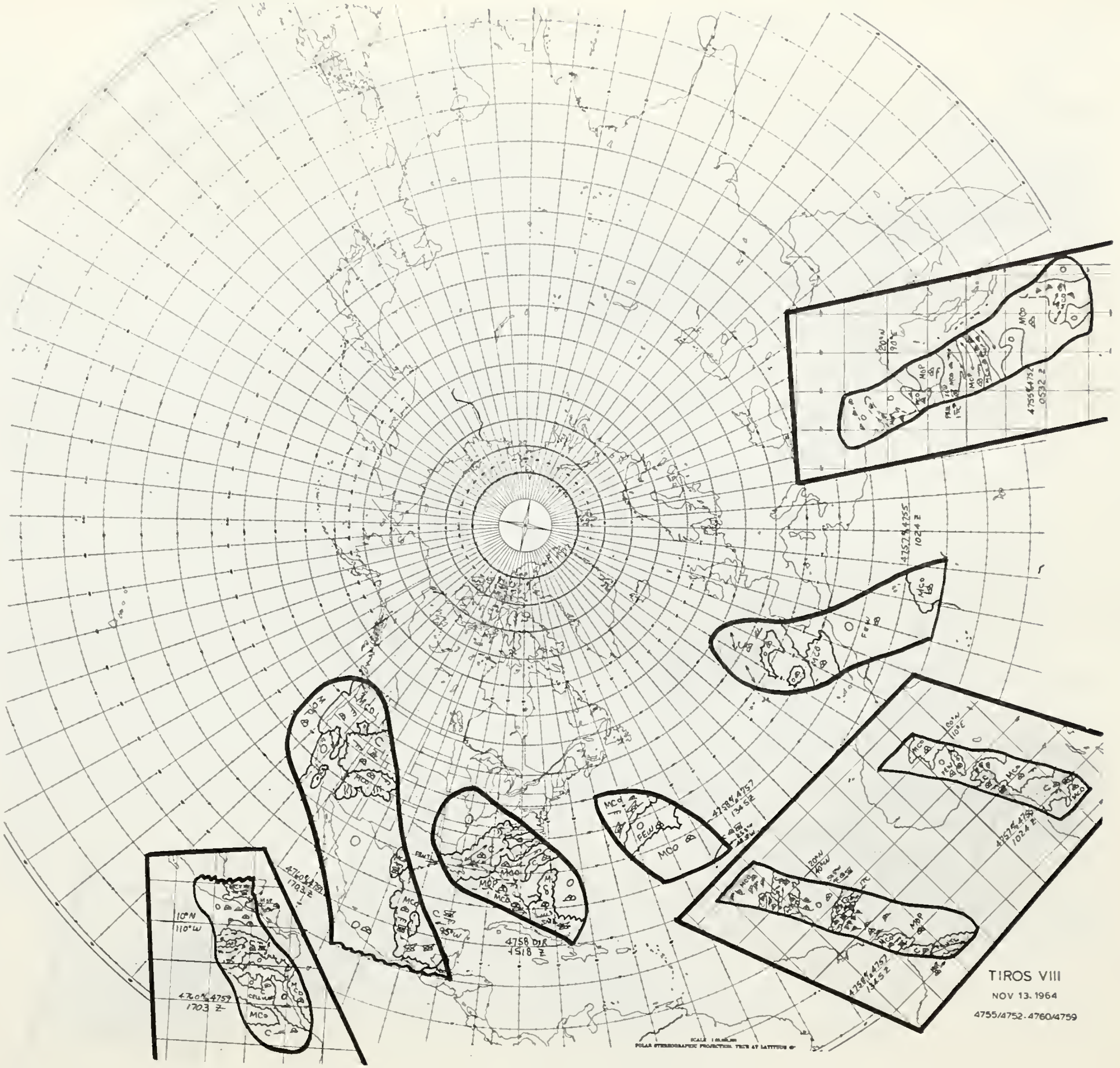
4726/4722 - 4731/4730


4739/4738
0257 Z
123°E
DISTURBED
AREA
MOP
19°S
MCO
C
20°N
60°E
MOP
4741/4739
0802 Z
40°S
80°E
FRONTAL
O
MOP
MCO
FRONTAL
4743/4742
1251 Z
O CLR
MOP
MCO
4743 DIR
1427 Z
20°N
20°W
POLAR STEREOGRAPHIC PROJECTION. TRUE AT LATITUDE

TIROS VIII

NOV 12. 1964

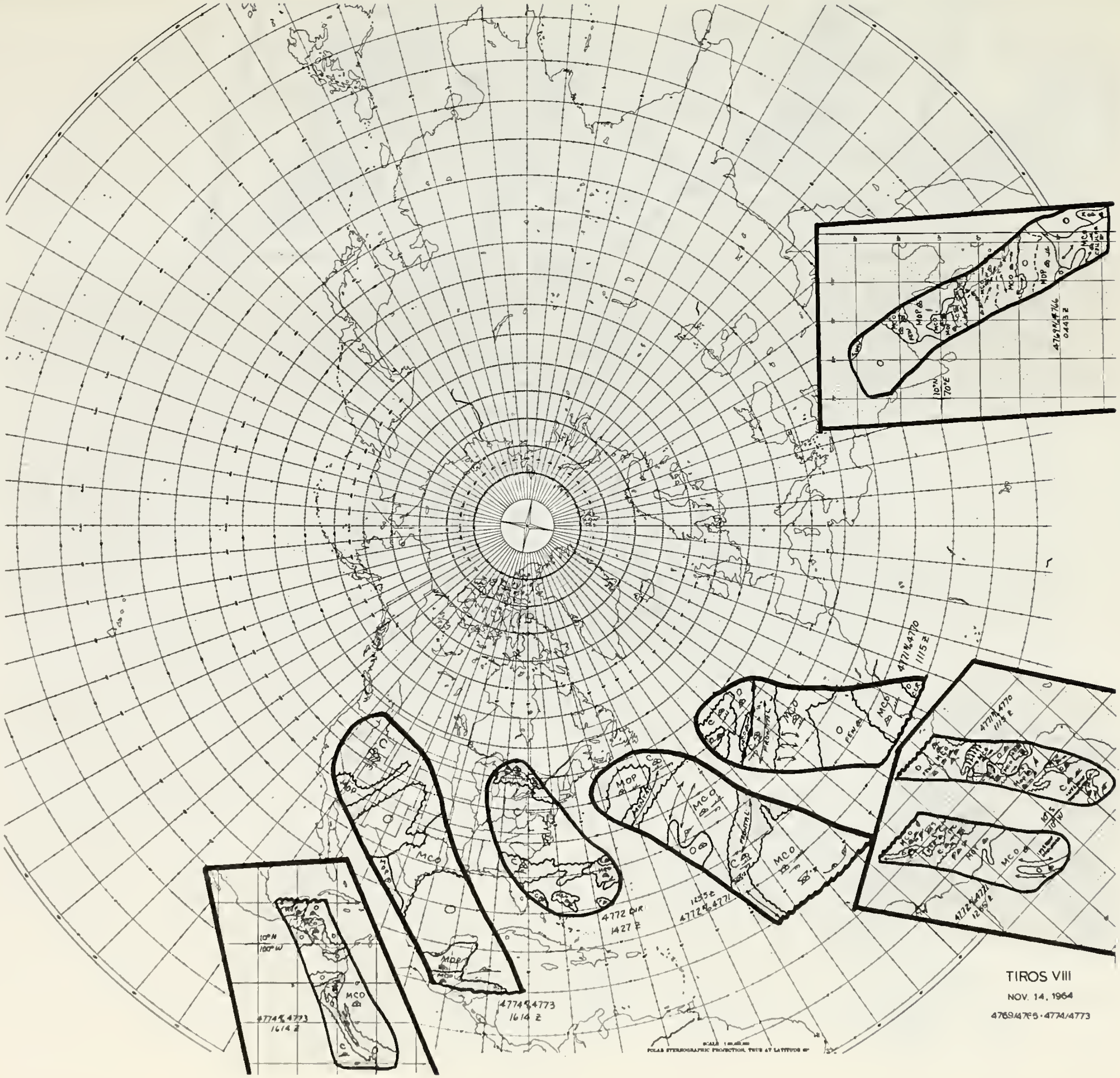
4739/4736 · 4743/DIR


4755/4752
0532 Z
20°N
90°E
4752/4755
1024 Z
4758/4757
1345 Z
4758 D/R
1518 Z
4760/4759
1703 Z
10°N
110°W
MCo
MCP
FEW
C

TIROS VIII

NOV 13, 1964

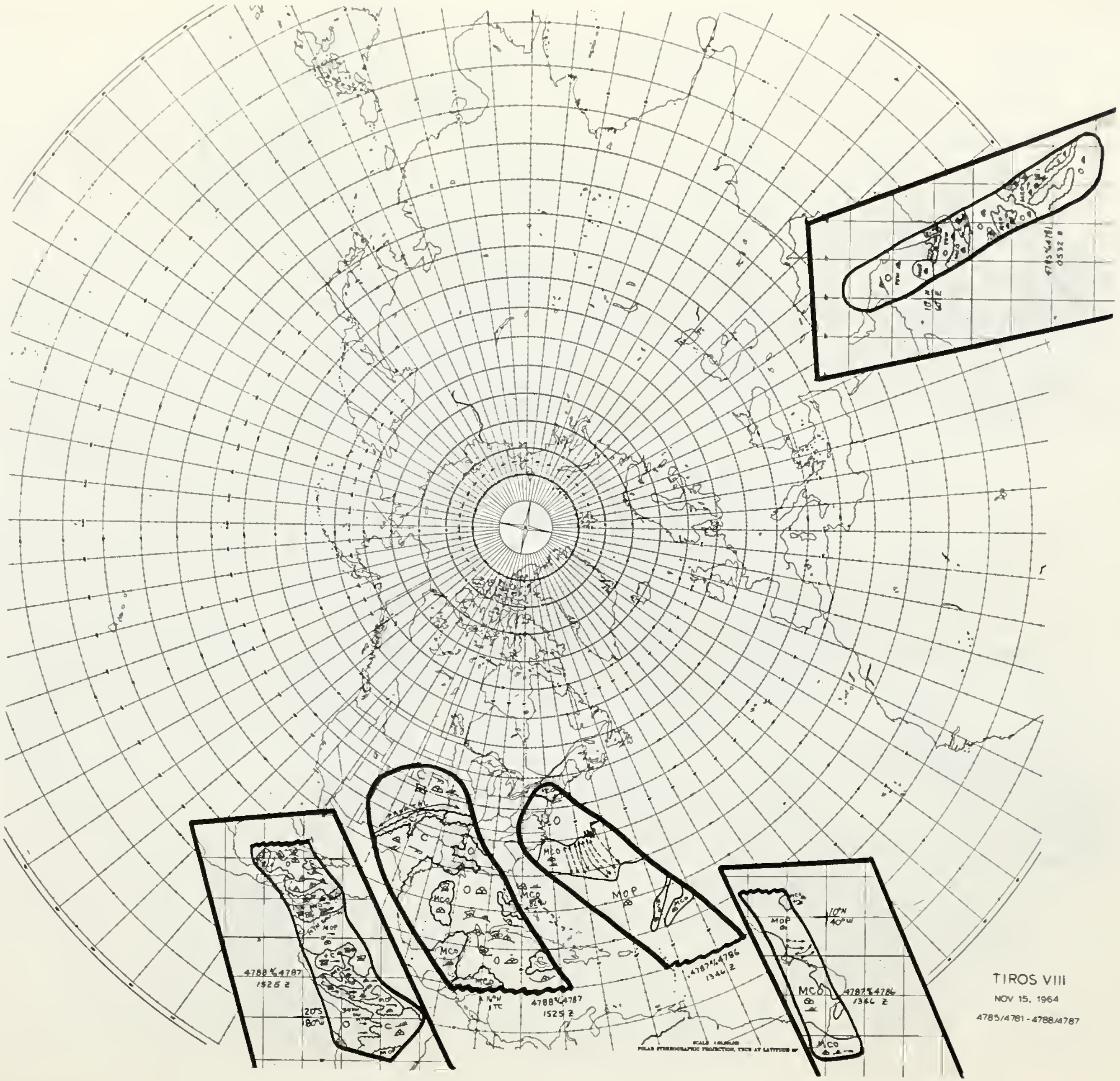
4755/4752 - 4760/4759


4769/4766
0443 Z
10°N
70°E
4771/4770
1115 Z
4772/4771
1255 Z
10°S
10°W
4772 DIR
1427 Z
4774/4773
1614 Z
10°N
100°W
MCO
MOP
C
O
FRONTAL
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

NOV. 14, 1964

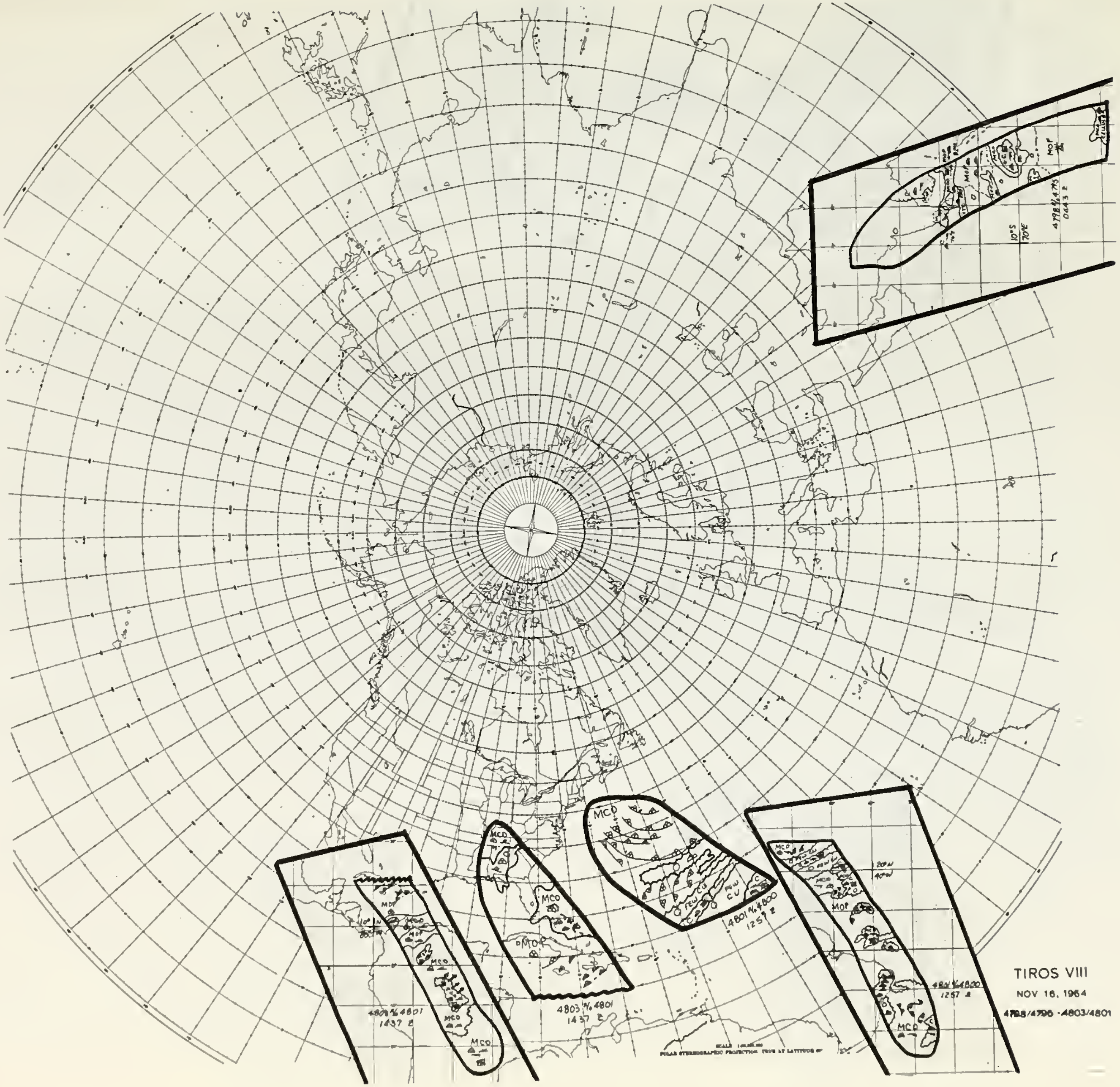
4769/4766 · 4774/4773


4785⁄4781
0532 Z
MOP
MCO
C
O
4788⁄4787
1525 Z
20°S
180°W
10°N
40°W
4787⁄4786
1346 Z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

NOV 15, 1964

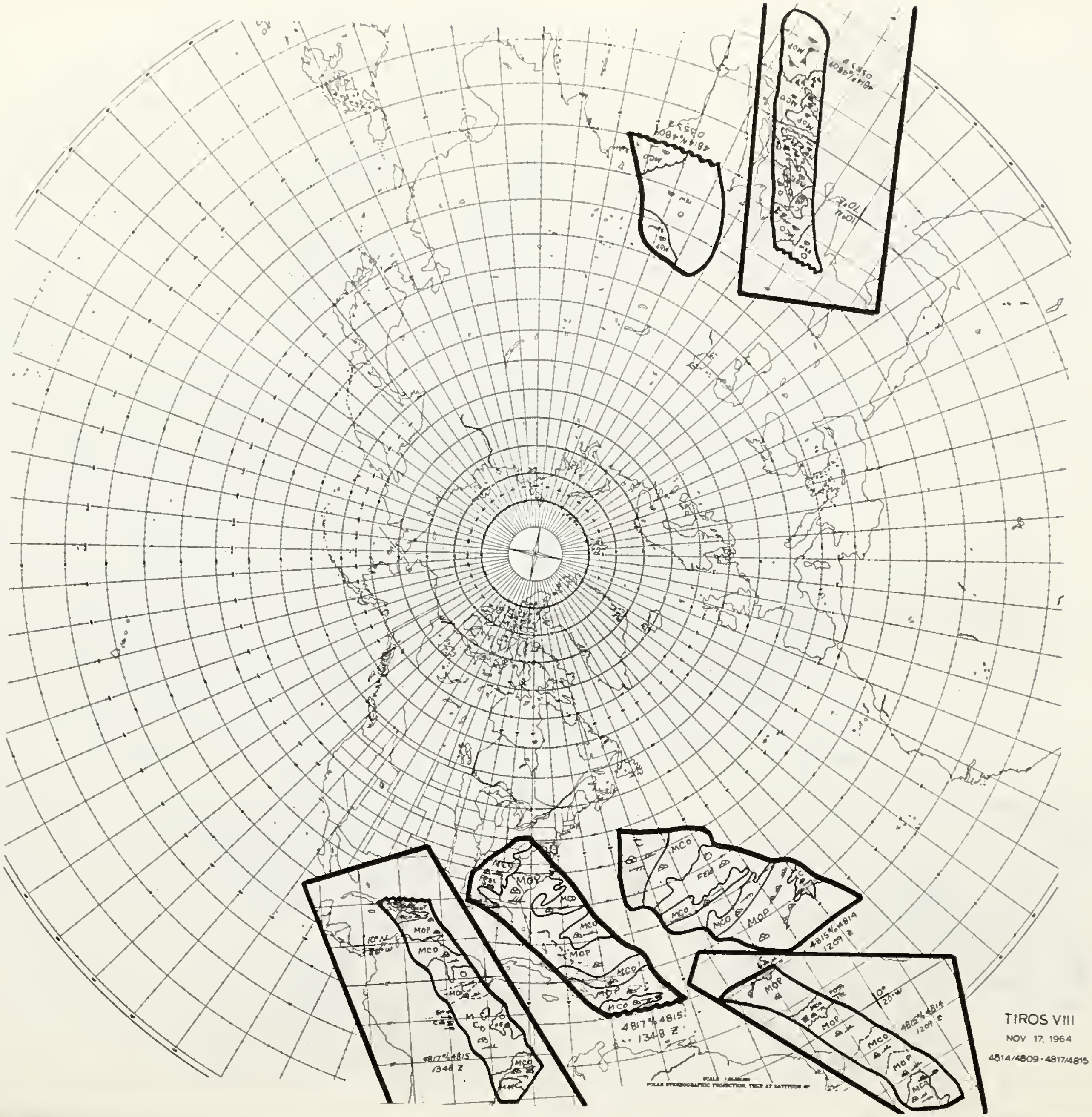
4785/4781 - 4788/4787


4798/4795
0443 Z
10°S
70°E
MOP
MCO
MOP
4803/4801
1437 Z
MCO
MOP
4803/4801
1437 Z
MCO
FEW CU
4801/4800
1257 Z
MCO
MOP
20°N
40°W
4801/4800
1257 Z
SCALE [illegible]
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE [illegible]

TIROS VIII

NOV 16, 1964

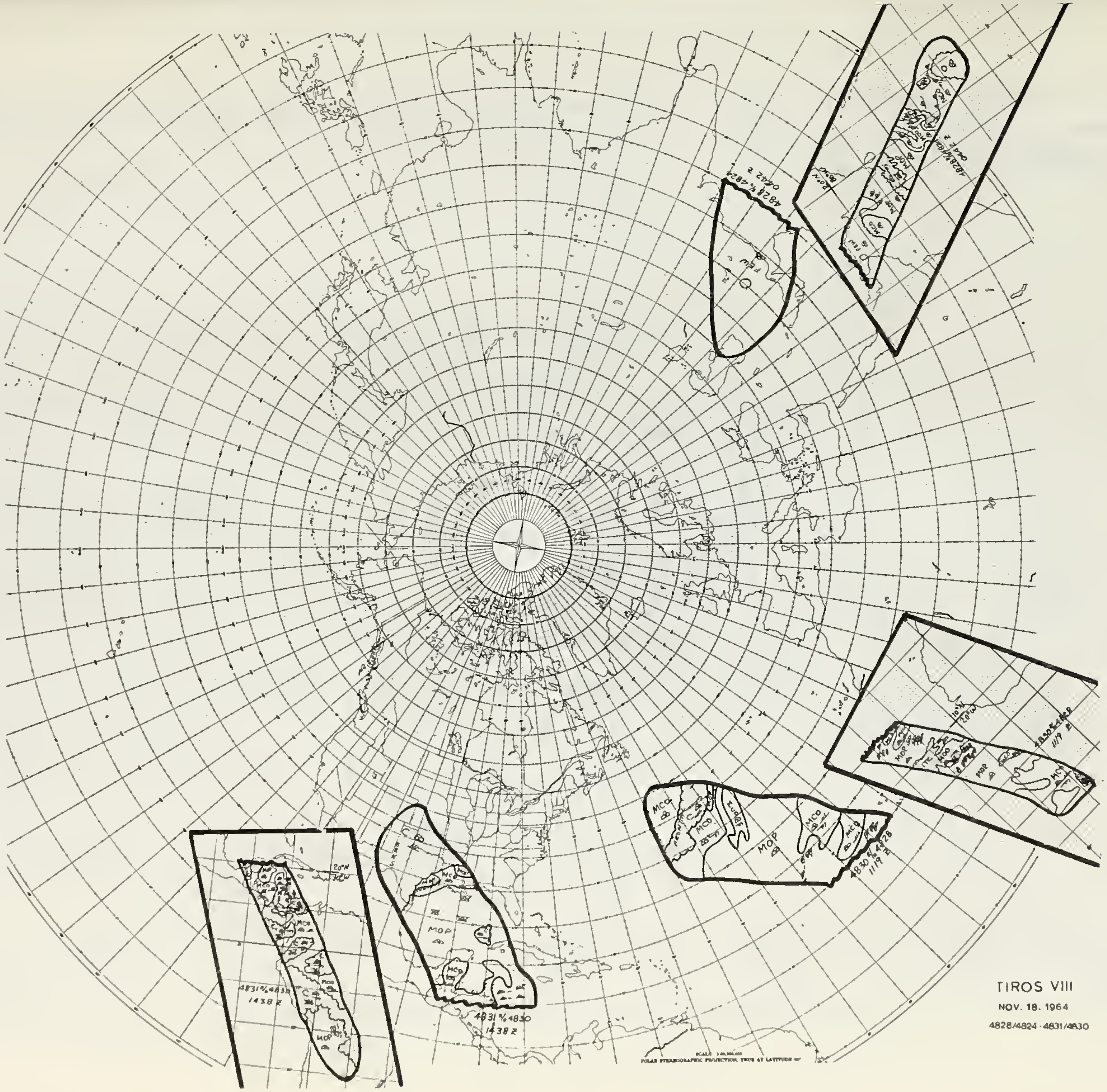
4798/4796 · 4803/4801


4814/4809
0352 Z
MOP
MCO
O
10° N
70° E
4817 & 4815
1348 Z
10° N
80° W
MOP
MCO
O
FEA
MCO
MOP
C
FEA
4815 & 4814
1209 Z
0°
20° W
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

NOV 17, 1964

4814/4809 - 4817/4815

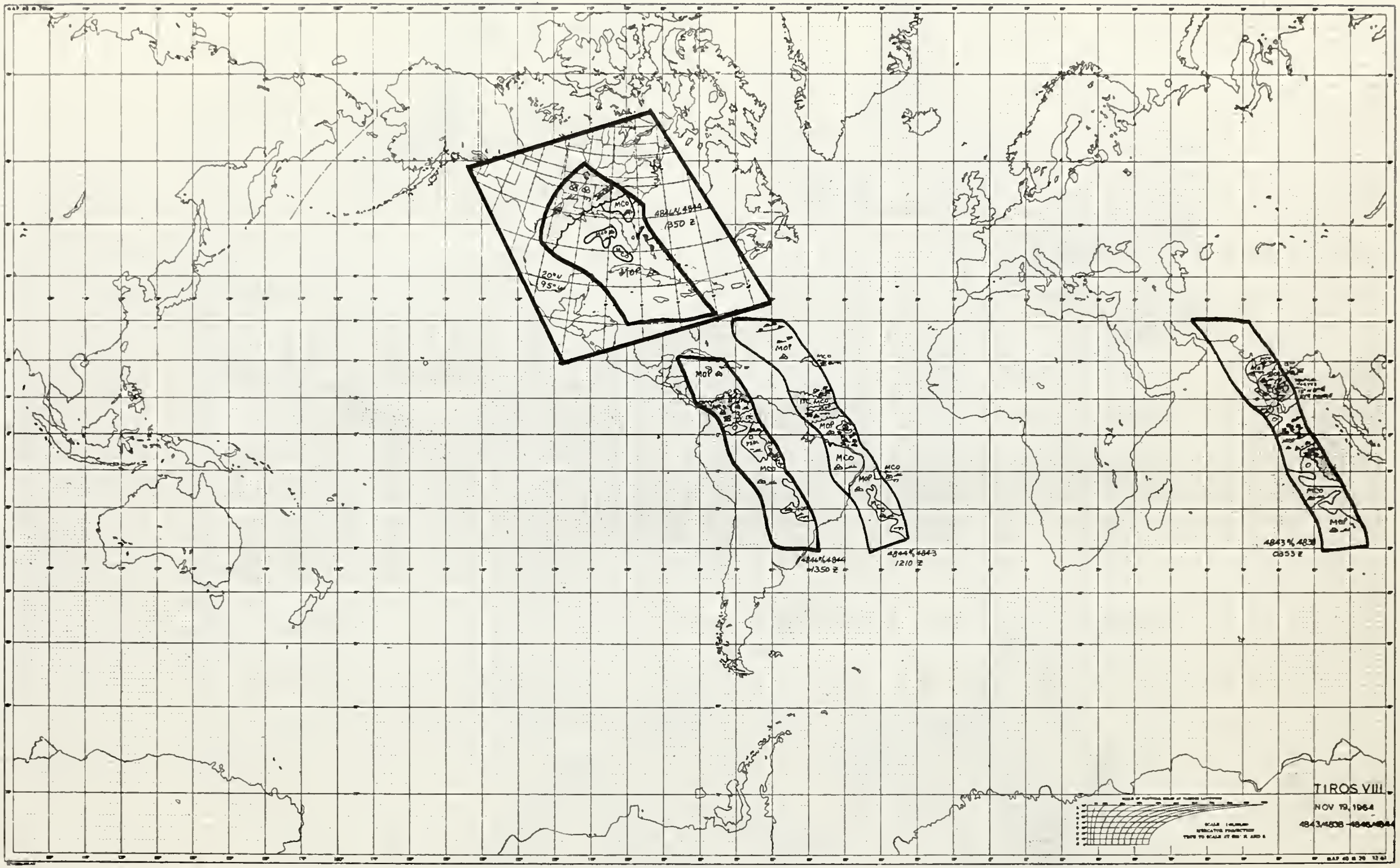


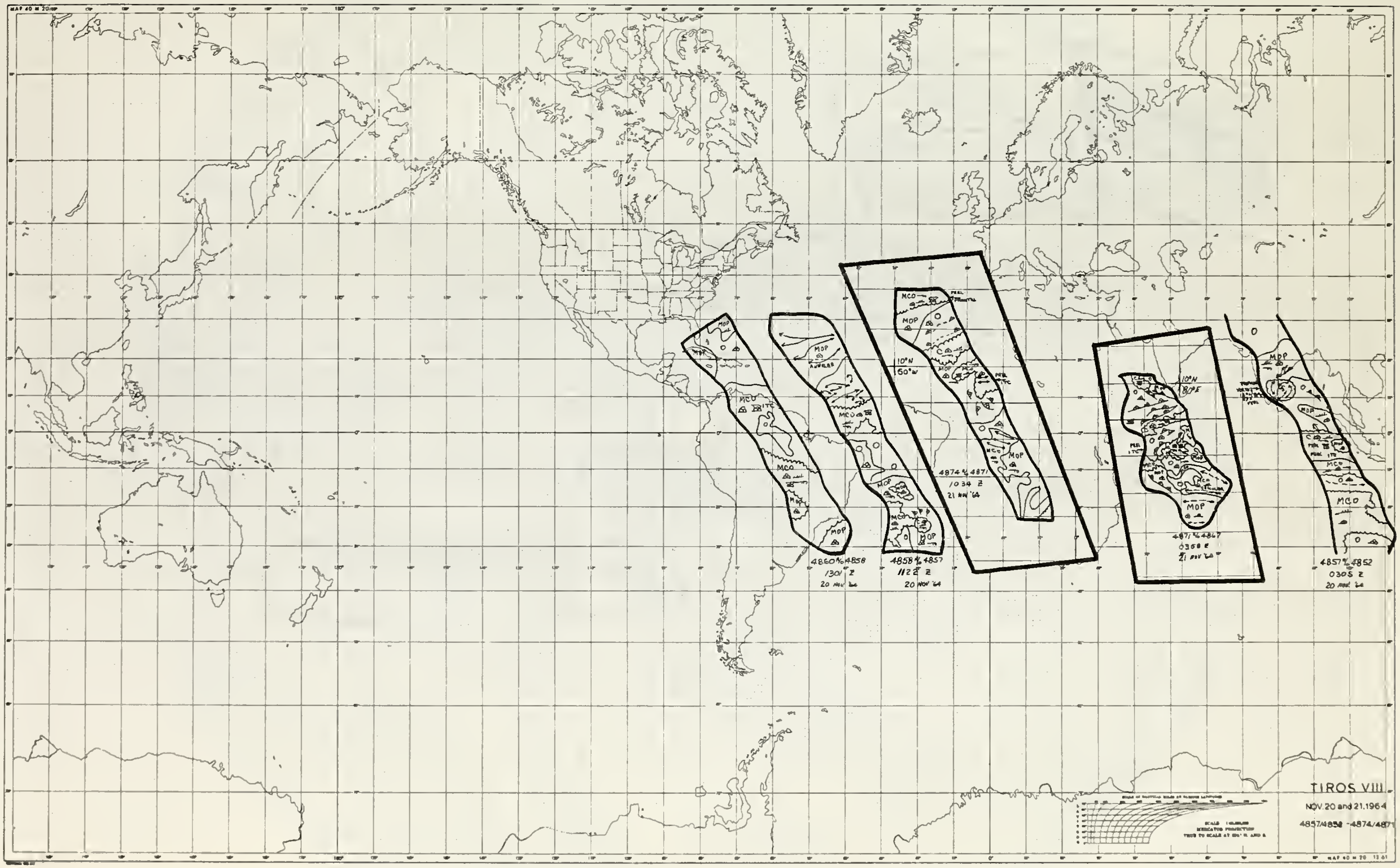
4828/4824
0442 Z
FEW
MCO
MOP
4830/4828
1119 Z
MCO
MOP
4831/4830
1438 Z
MCO
MOP
4831/4830
1438 Z
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

NOV. 18. 1964

4828/4824 · 4831/4830


TIROS VIII
NOV 19, 1964
4843/4838 - 4846/4844
4844R4844
1350 Z
20°N
95°W
MCO
MOP
4844R4844
1350 Z
4844R4843
1210 Z
4843R4838
0853 Z

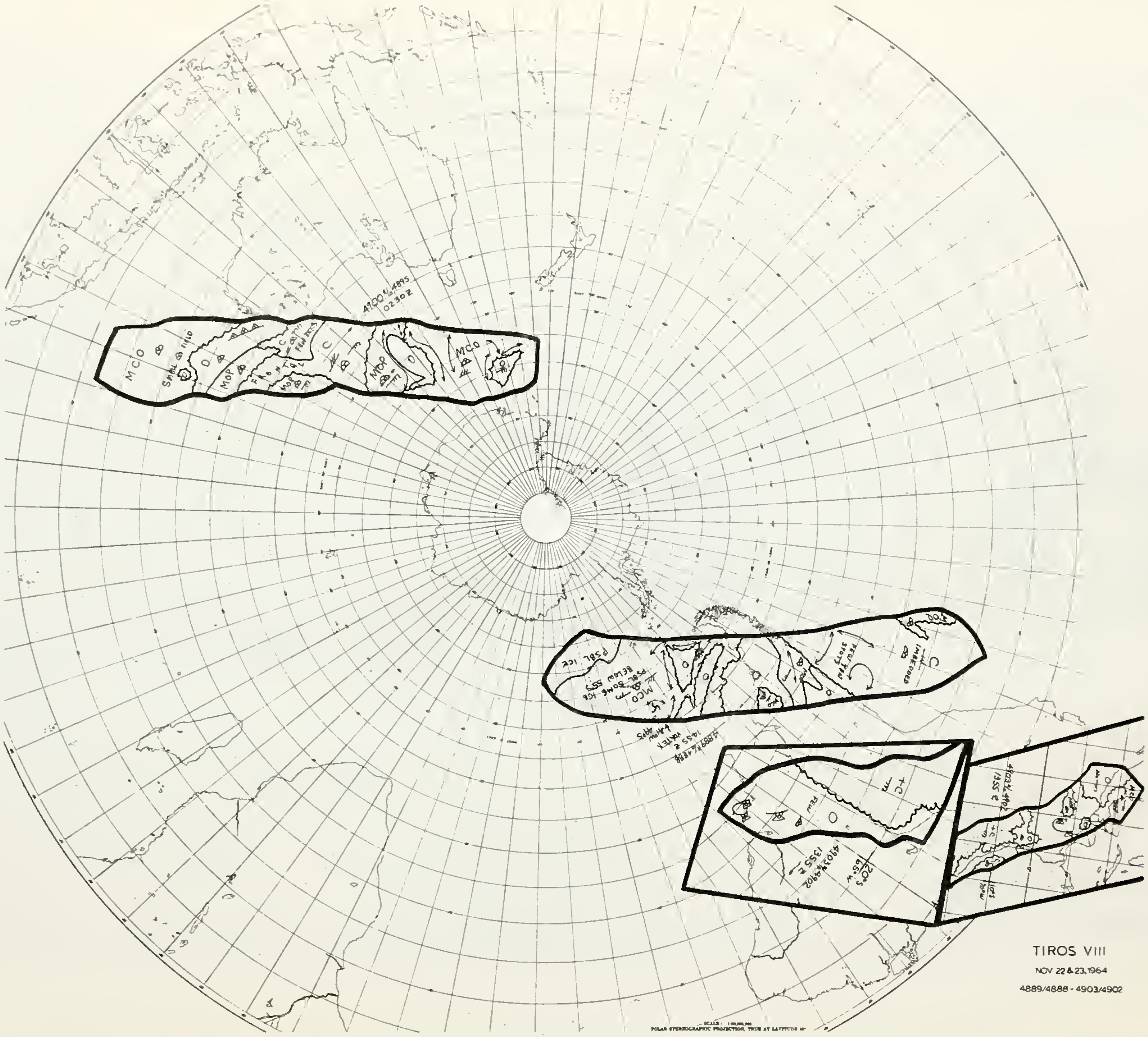


TIROS VIII

NOV. 20 and 21, 1964

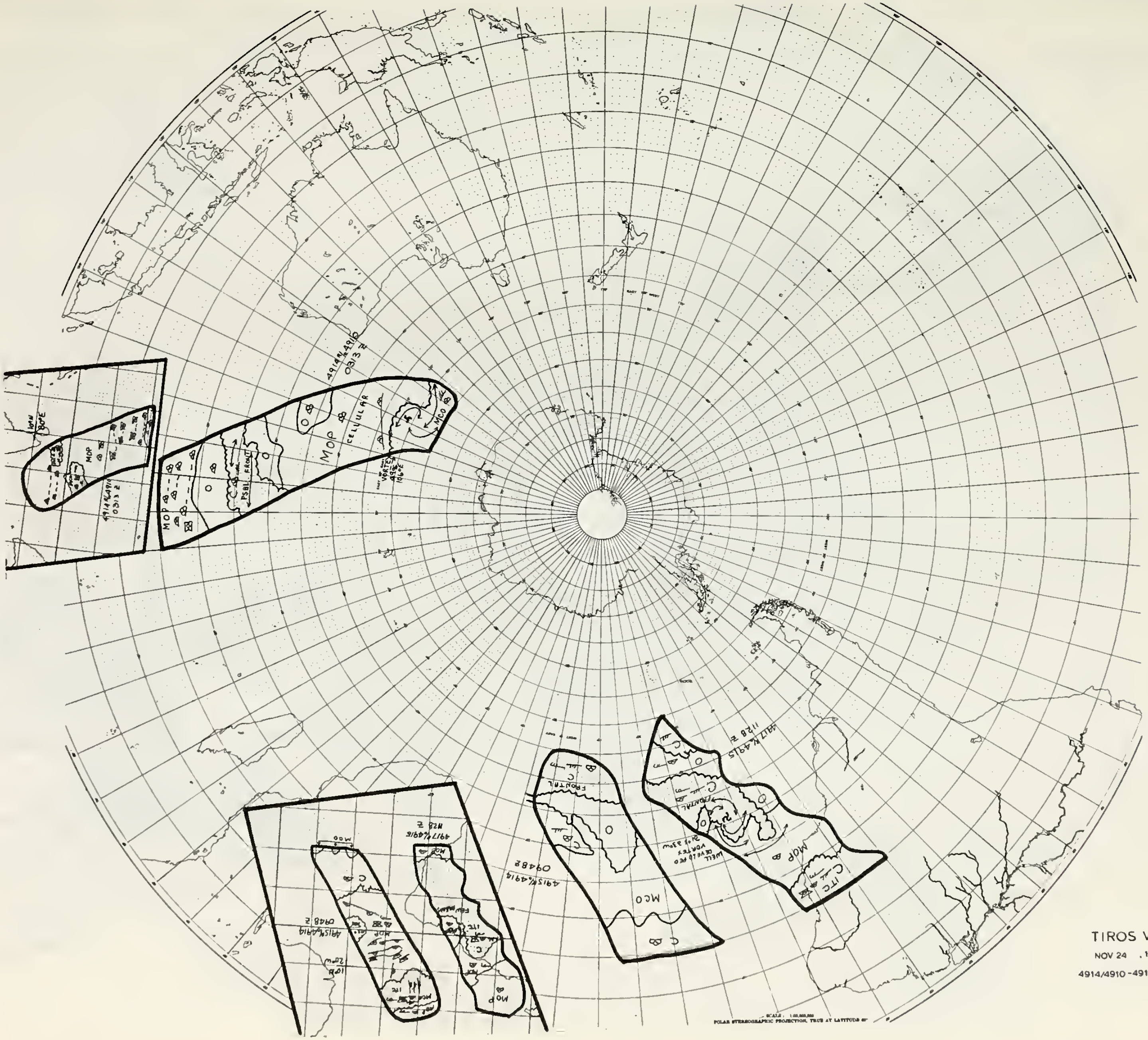
4857/4852 - 4874/4871

MAP 40 M 20
4860⅝ 4858
1301 Z
20 Nov '64
4858⅝ 4857
1122 Z
20 Nov '64
4874⅝ 4871
1034 Z
21 Nov '64
10°N
50°W
4871⅝ 4867
0358 Z
21 Nov '64
10°N
80°E
4857⅝ 4852
0305 Z
20 Nov '64
MCO
MOP
ITC
MAP 40 M 20 12 61


4900¾/4895
0230Z
MCO
SMALL FIELD
MOP
MOP
FEW BRKS
C
MCO
4889¾/4888
1455 Z
VORTEX
PSBL ICE
MCO
PSBL SOME ICE
BELOW 55°S
FEW TRN SPOTS
IMBEDDED
C
MCO
+C
FEW
20°S
65°W
4903¾/4902
1355 Z
4903¾/4902
1355 Z
10°S
70°W
MCO

SCALE: [illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

TIROS VIII
NOV 22 & 23, 1964
4889/4888 - 4903/4902

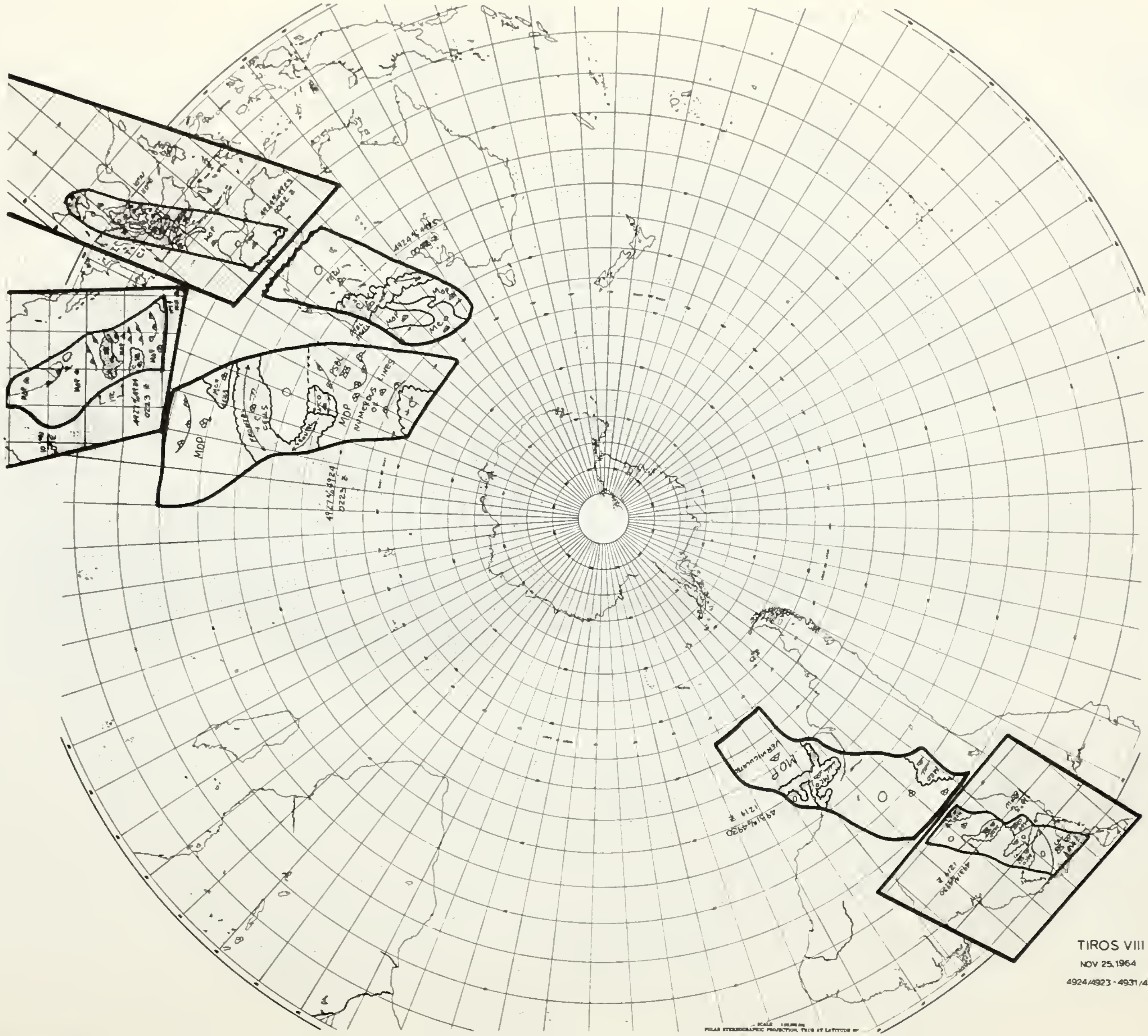


4914/4910 0313 Z
MOP
CELLULAR
VORTEX 49°S 106°E
MCO
PSBL FRONT
MOP
10°N 80°E
4914/4910 0313 Z
MOP
ITC
MOP
WELL DEVELOPED VORTEX 51°S 33°W
FRONTAL
4917/4915 1128 Z
MCO
FRONTAL
4915/4914 0948 Z
MOP
ITC
4917/4915 1128 Z
MOP
4915/4914 0948 Z
10°S 20°W
MCO
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII

NOV 24 , 1964

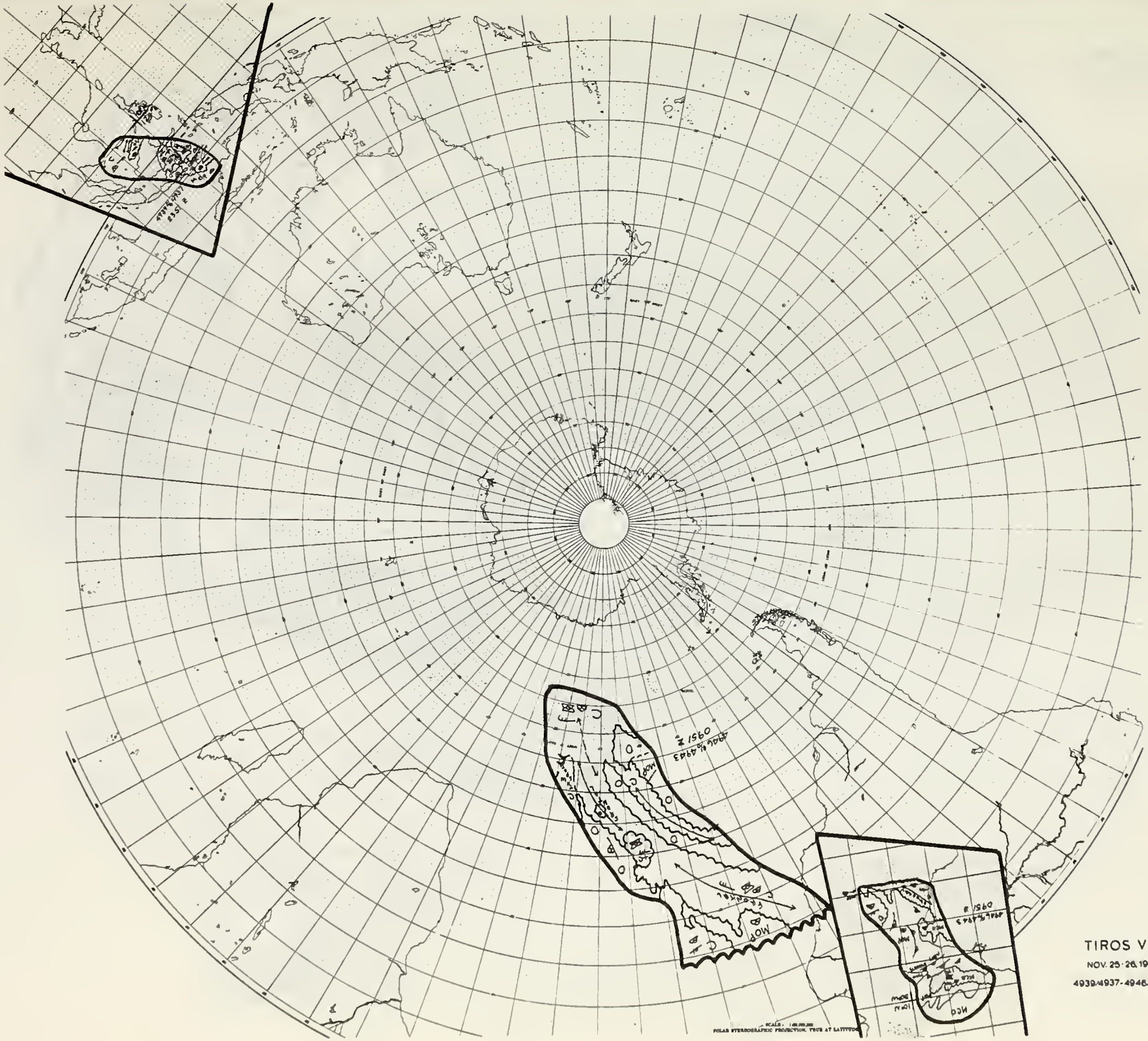
4914/4910 - 4917/4915


4924/4925
0045 Z
4927/4924
0225 Z
4927/4924
0223 Z
MOP
MCO
FEW
PSBL
NUMEROUS LINES OF Cb
MOP VERMICULATED
4931/4930
1219 Z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

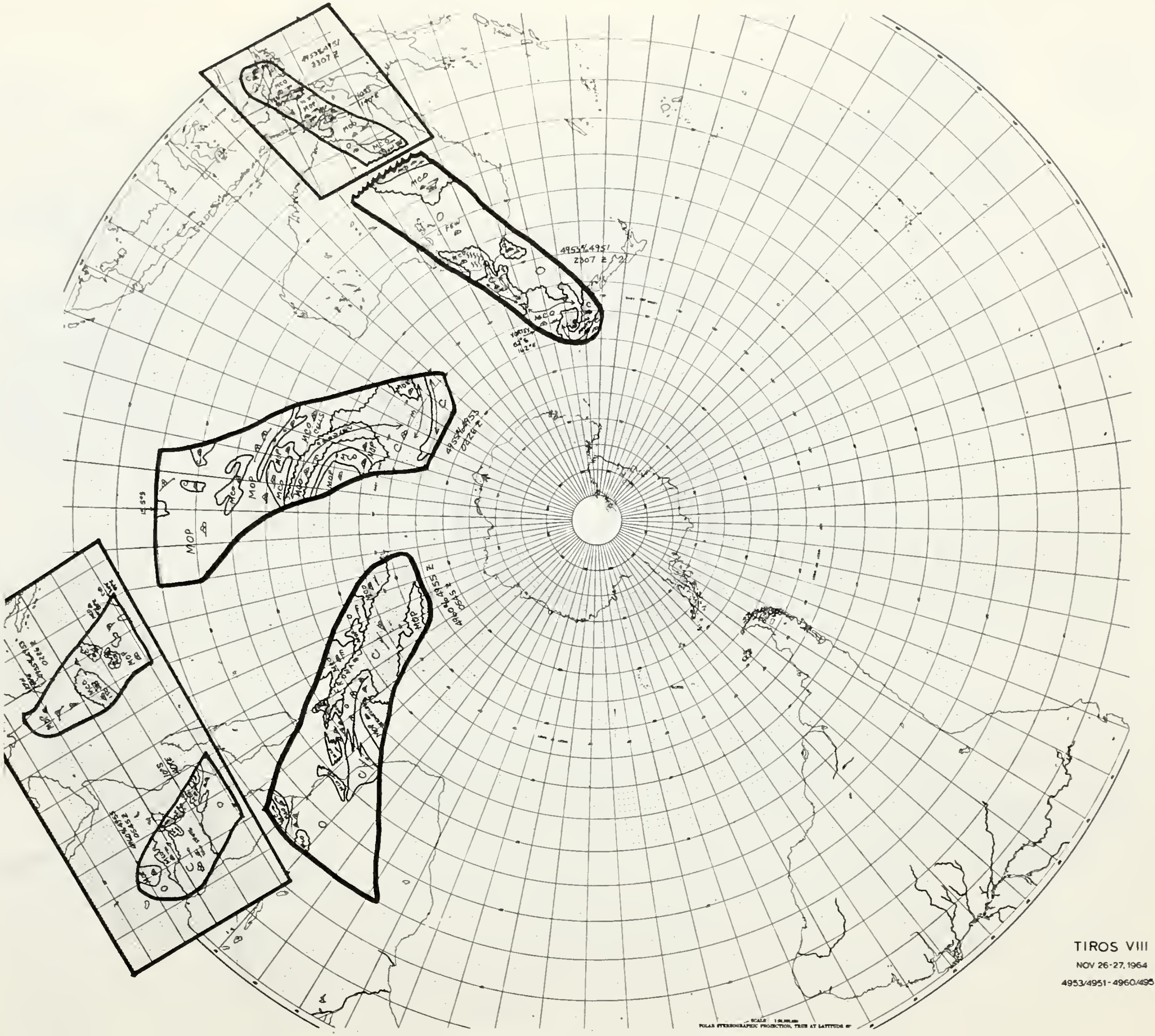
TIROS VIII

NOV 25, 1964

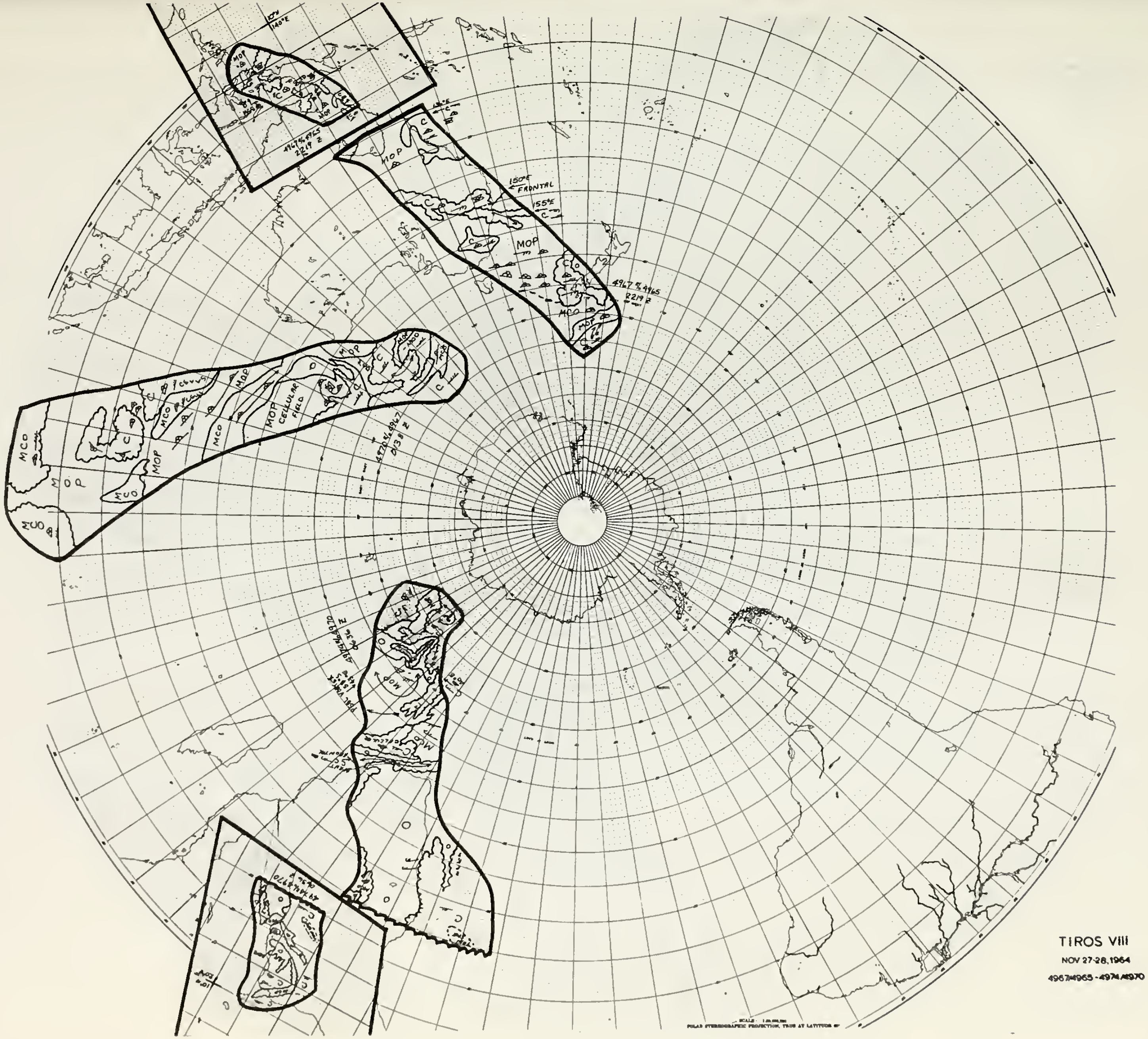
4924/4923 - 4931/4930


4946/4943
0951 Z
MOP
SCALE 1: [illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

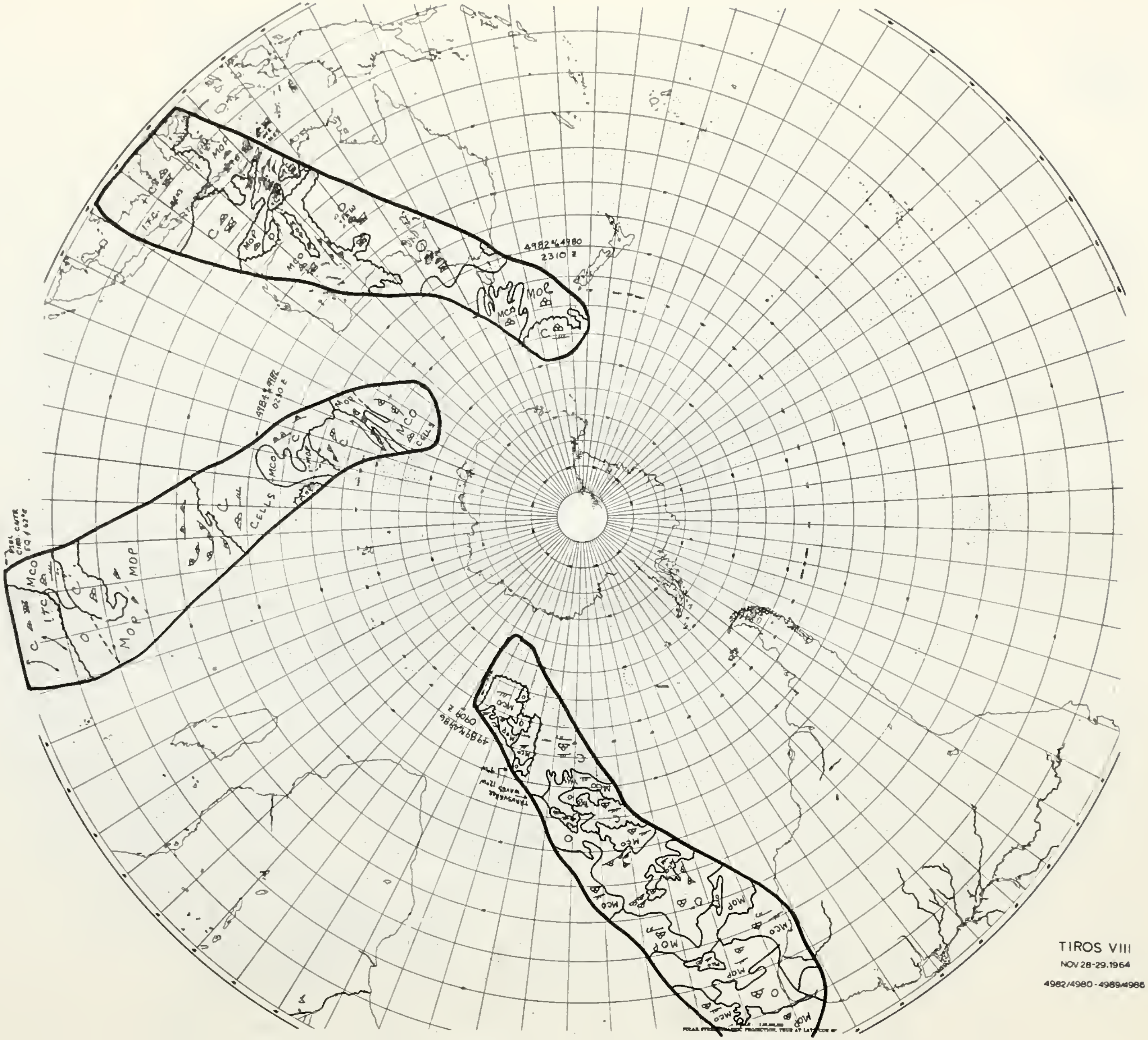
TIROS VIII
NOV. 25-26, 1964
4939/4937-4946/4943


4953/4951
2307 Z
4953/4951
2007 Z
VORTEX
62°S
142°E
MCO
FEW
MOP
C
B
4953/4953
0226 Z
MCO CELLS
15°S
4960/4955
0545 Z
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
NOV 26-27, 1964
4953/4951-4960/4955


10°N
140°E
MOP
C
MOP
4967&4965
2219 Z
150°E
FRONTAL
155°E
C
MOP
C
O
4967 & 4965
2219 Z
MCO
MOP
MOP
CELLULAR
FIELD
MCO
MOP
MCO
C
MCO
MOP
MCO
4970&4967
0138 Z
4974&4970
0636 Z
MOP
MCO
O
C
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

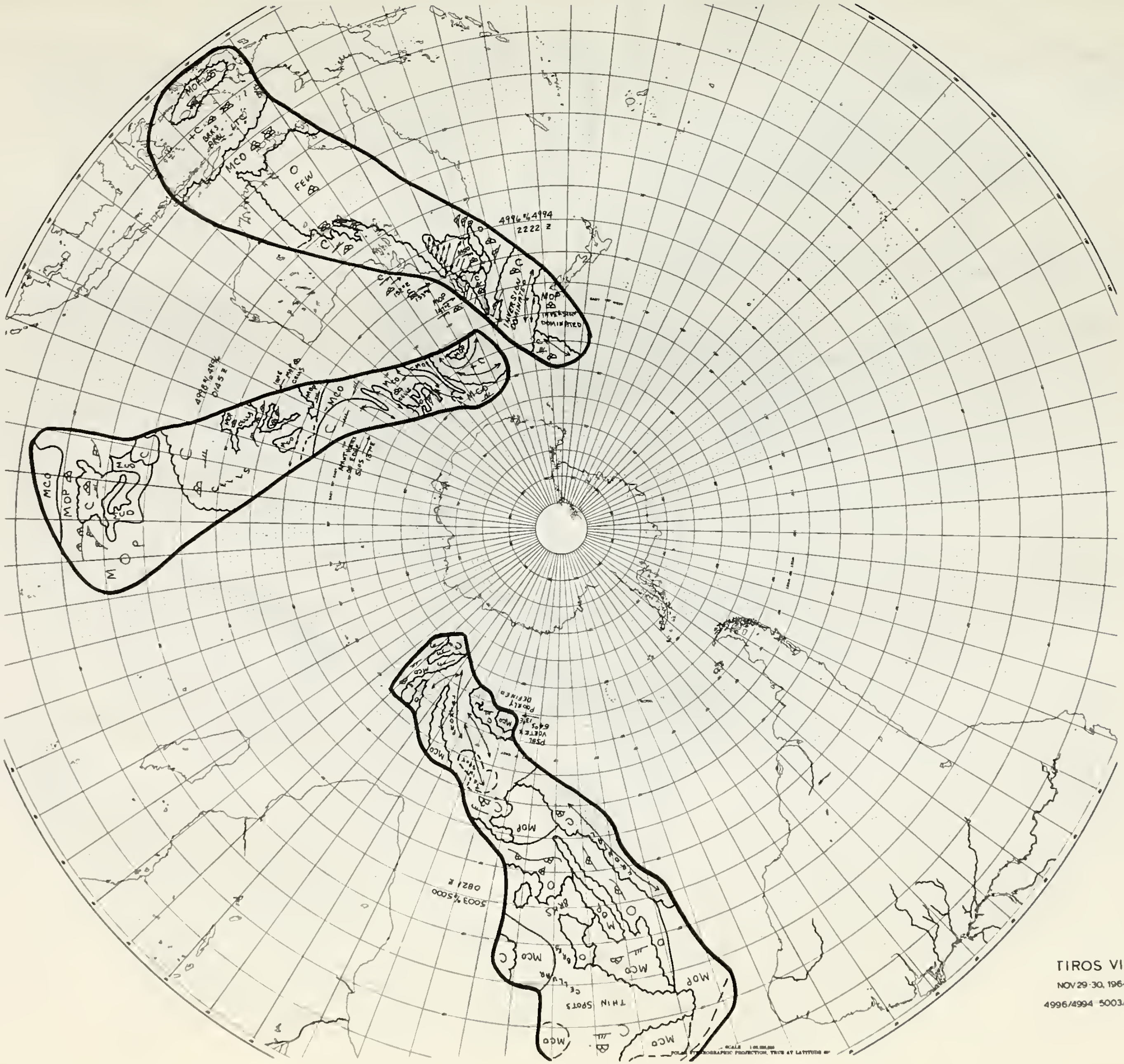
TIROS VIII
NOV 27-28, 1964
4967/4965 - 4974/4970


4982 & 4980
2310 Z
4984 & 4982
0230 Z
4989 & 4986
0909 Z
TRANSVERSE WAVES 12°W
CELLS
MCO
MOP
ITC
C
O
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

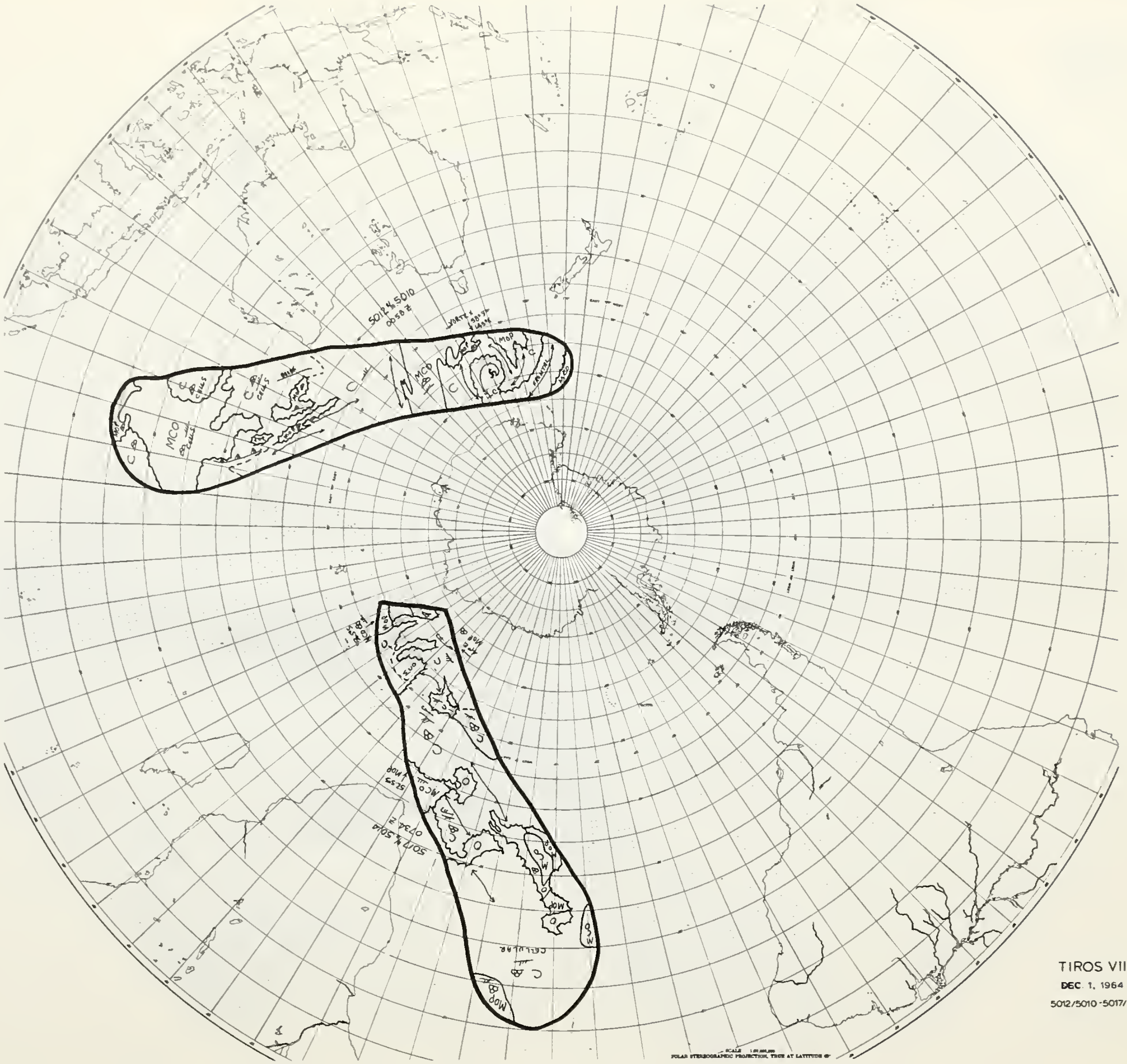
TIROS VIII

NOV 28-29, 1964

4982/4980 - 4989/4986


4996 to 4994
2222 Z
MOP
+C
BRKS
MCO
O
FEW
C
INVERSION DOMINATED
INVERSION DOMINATED
MOP
4998 to 4996
0145 Z
MCO
MOP
C
CELLS
MCO
C
CELLS
APPARENT OR EDGE
M
O
P
PSBL VORTEX 64°S 136°E POORLY DEFINED
MCO
MOP
5003 to 5000
0821 Z
BRKS
THIN SPOTS
MCO
MOP
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
NOV 29-30, 1964
4996/4994 5003/5000

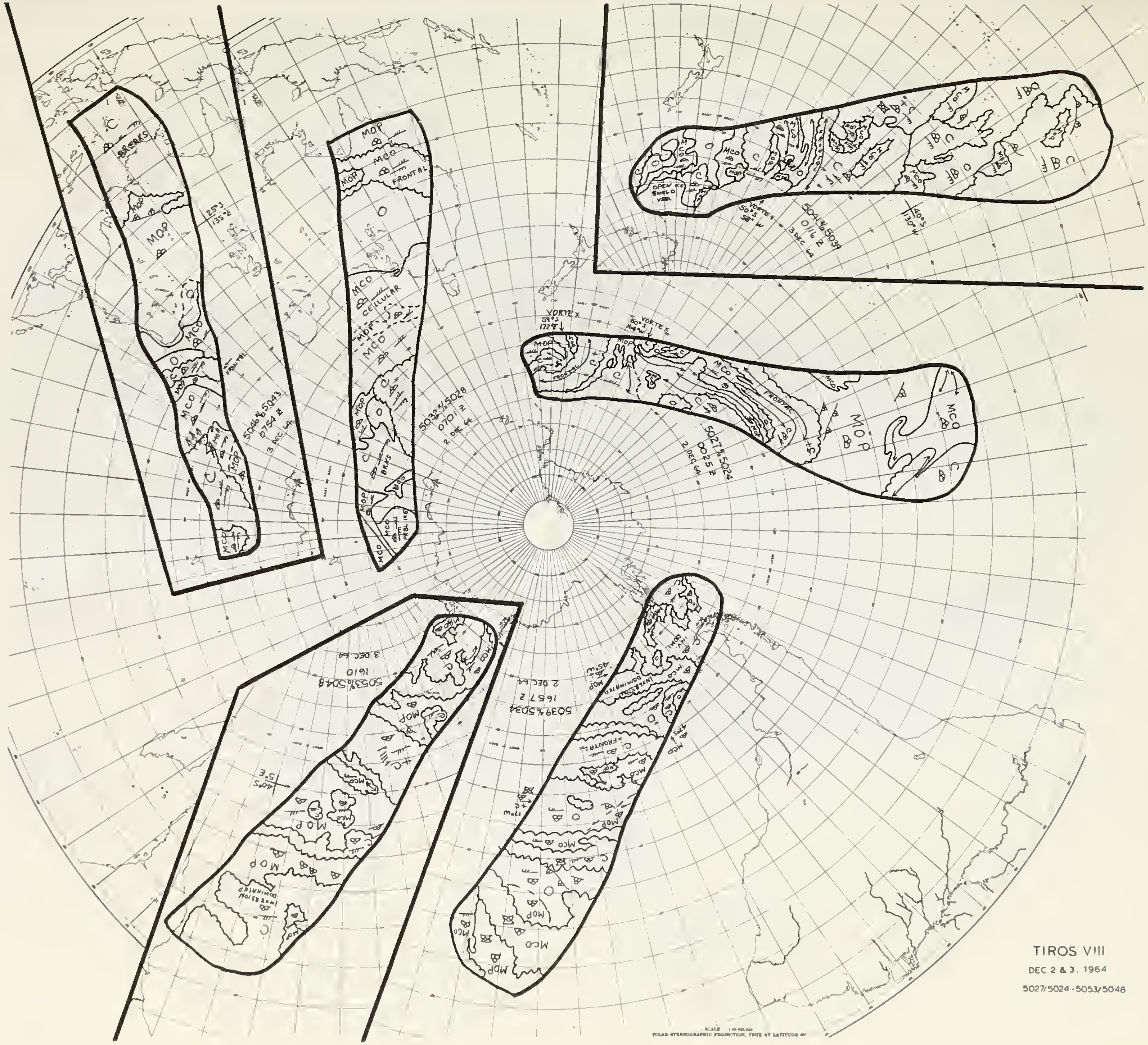


5012 & 5010
0050 Z
VORTEX
MOP
MCO
C
FRONTAL
CELLS
5017 & 5014
0734 Z
CELLULAR
MOP
POLAR STEREOGRAPHIC PROJECTION

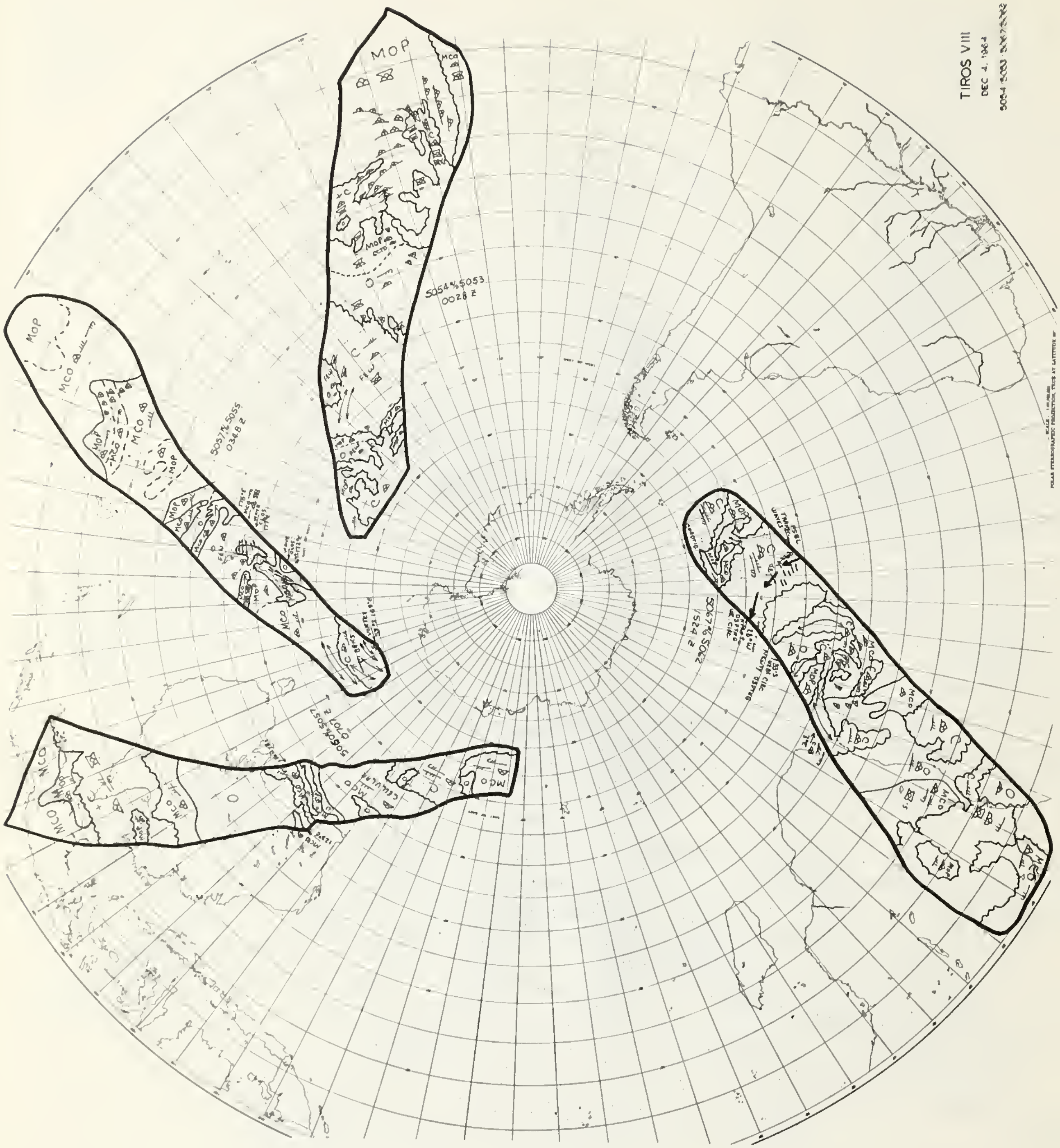
TIROS VIII

DEC. 1, 1964

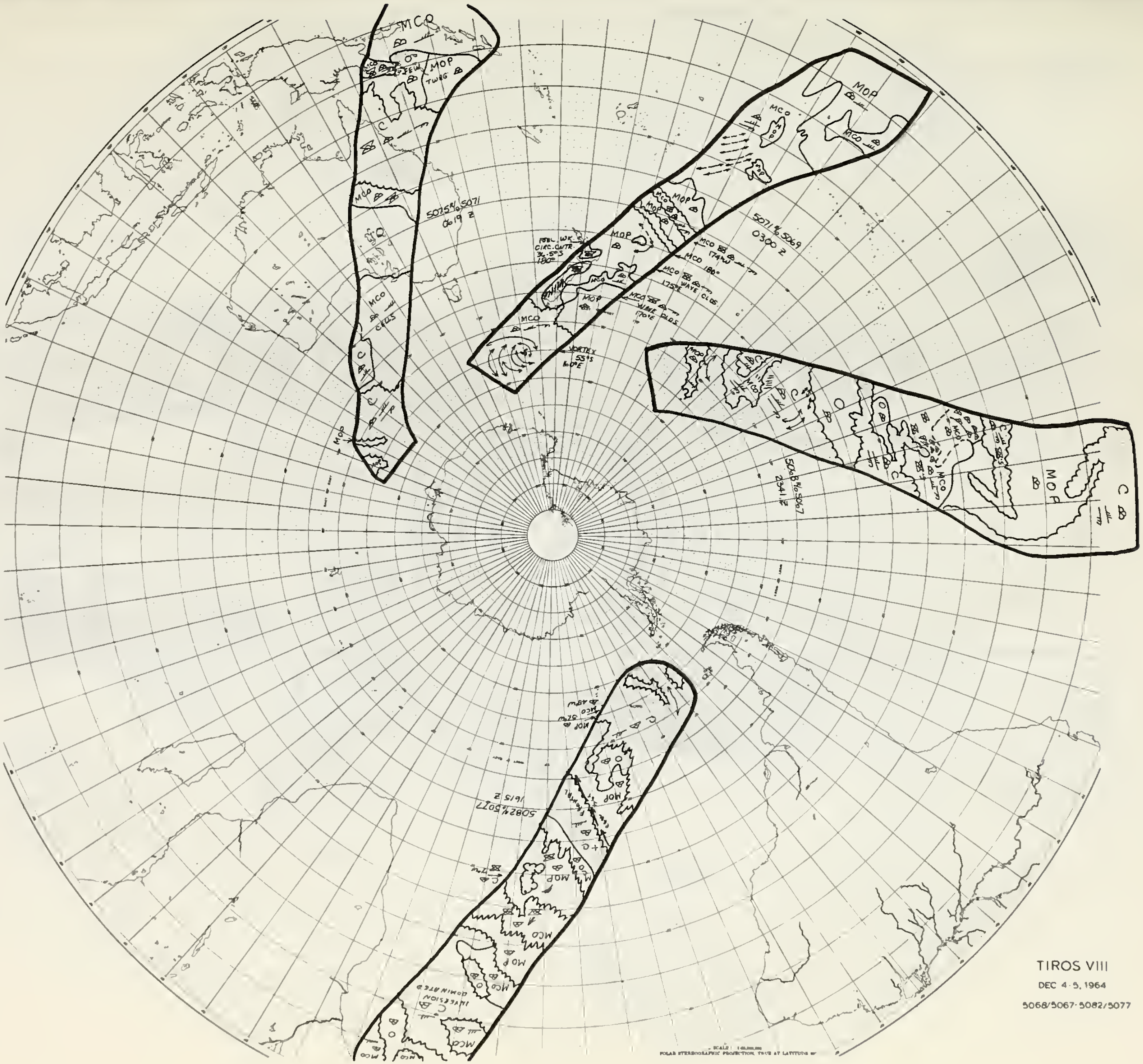
5012/5010-5017/5014


5027/5024
0025 Z
2 DEC 64
VORTEX
59°S
172°E
VORTEX
50°S
168°W
5041/5039
0116 Z
3 DEC 64
VORTEX
50°S
58°W
40°S
130°W
OPEN EG
SHIELD
VEIL
5032/5028
0701 Z
2 DEC 64
CELLULAR
FRONTAL
BRKS
PRBL ICE
5046/5043
0754 Z
3 DEC 64
25°S
135°E
5039/5034
1657 Z
2 DEC 64
INVERSION DOMINATED
FRONTAL
47°S
45°W
17°W
5053/5048
1610
3 DEC 64
40°S
5°E
MOP
MCO
C
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

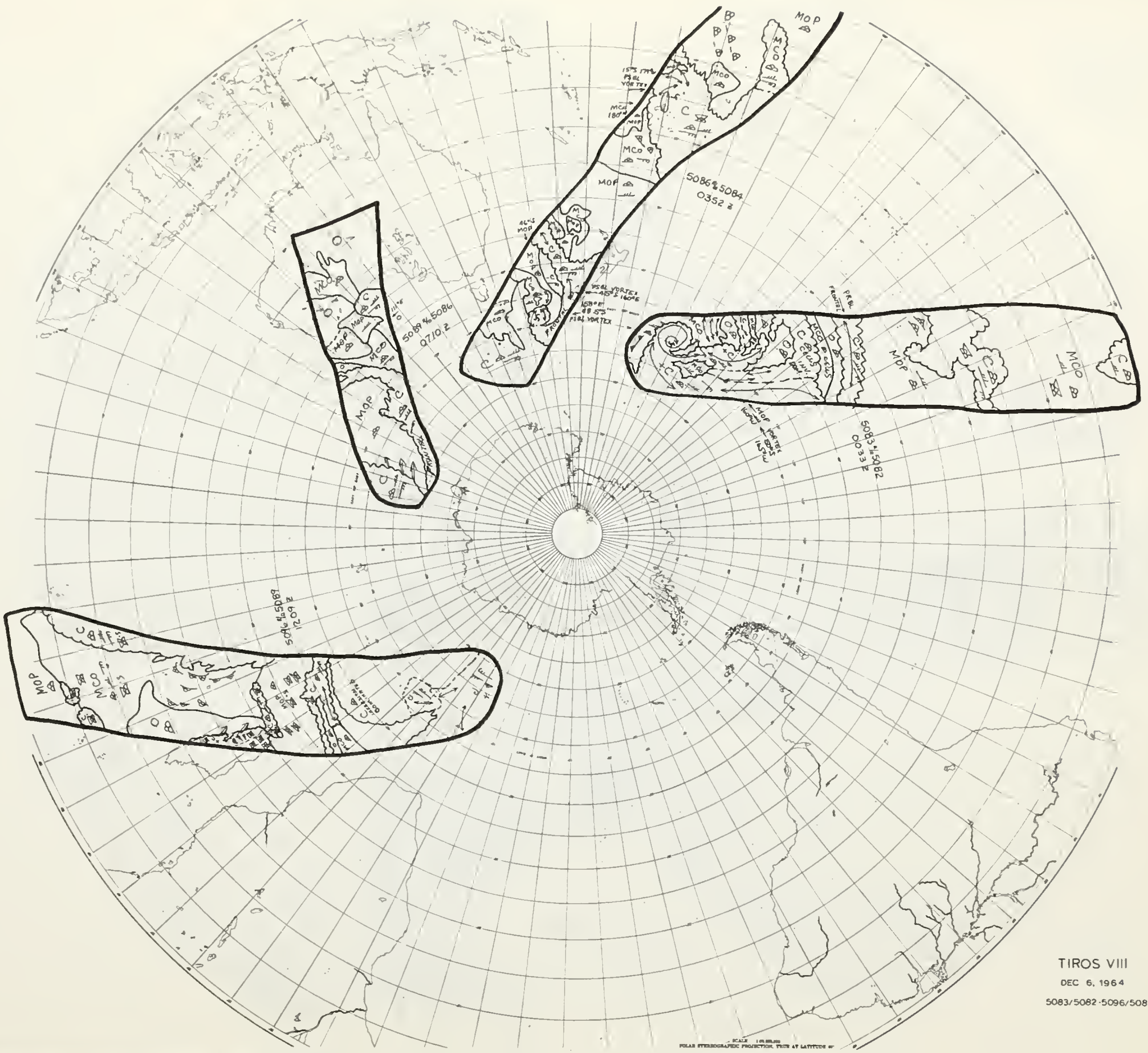
TIROS VIII
DEC 2 & 3, 1964
5027/5024 - 5053/5048


MOP
MCO
5054 & 5053
0028 Z
5057 & 5055
0348 Z
5060 & 5057
0707 Z
5067 & 5062
1524 Z
C
O

TIROS VIII
DEC 4, 1964
5054 5053 [illegible]

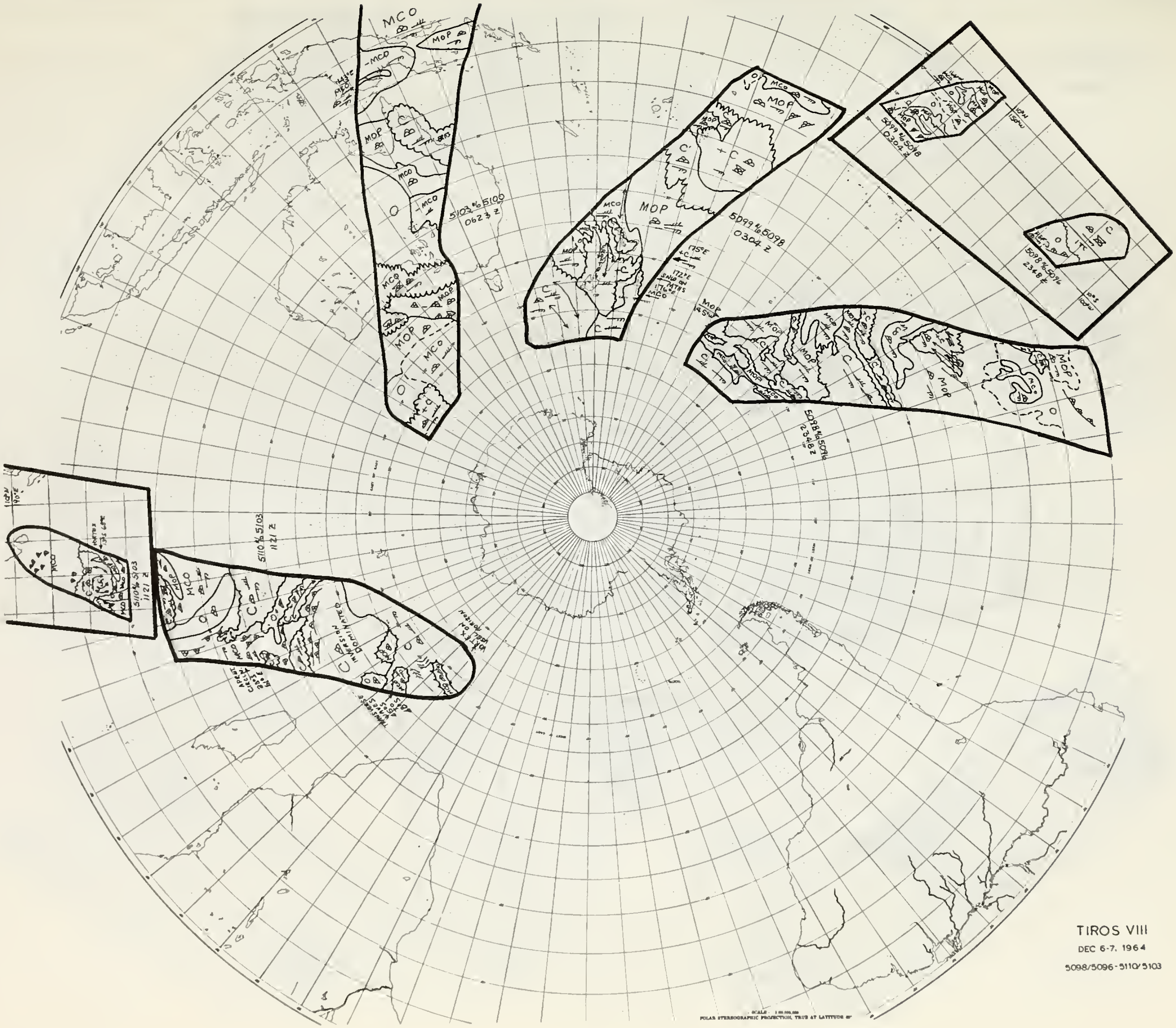

MCO
MOP
FEW
TWRG
C
5075¼ 5071
0619 Z
CRUS
MOD
MOP
MCO
5071¼ 5069
0300 Z
MCO 174°W
MCO 180°
MCO 175°E WAVE CLDS
MCO WAVE CLDS 170°E
PSBL WK CIRC. CNTR. 36.5°S 180°
VORTEX 55°S 160°E
5068¼ 5067
2341 Z
MOP
C
5082¼ 5077
1615 Z
MOP 57°W
MCO 49°W
FRONTAL
+C
INVERSION DOMINATED
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
DEC 4-5, 1964
5068/5067-5082/5077

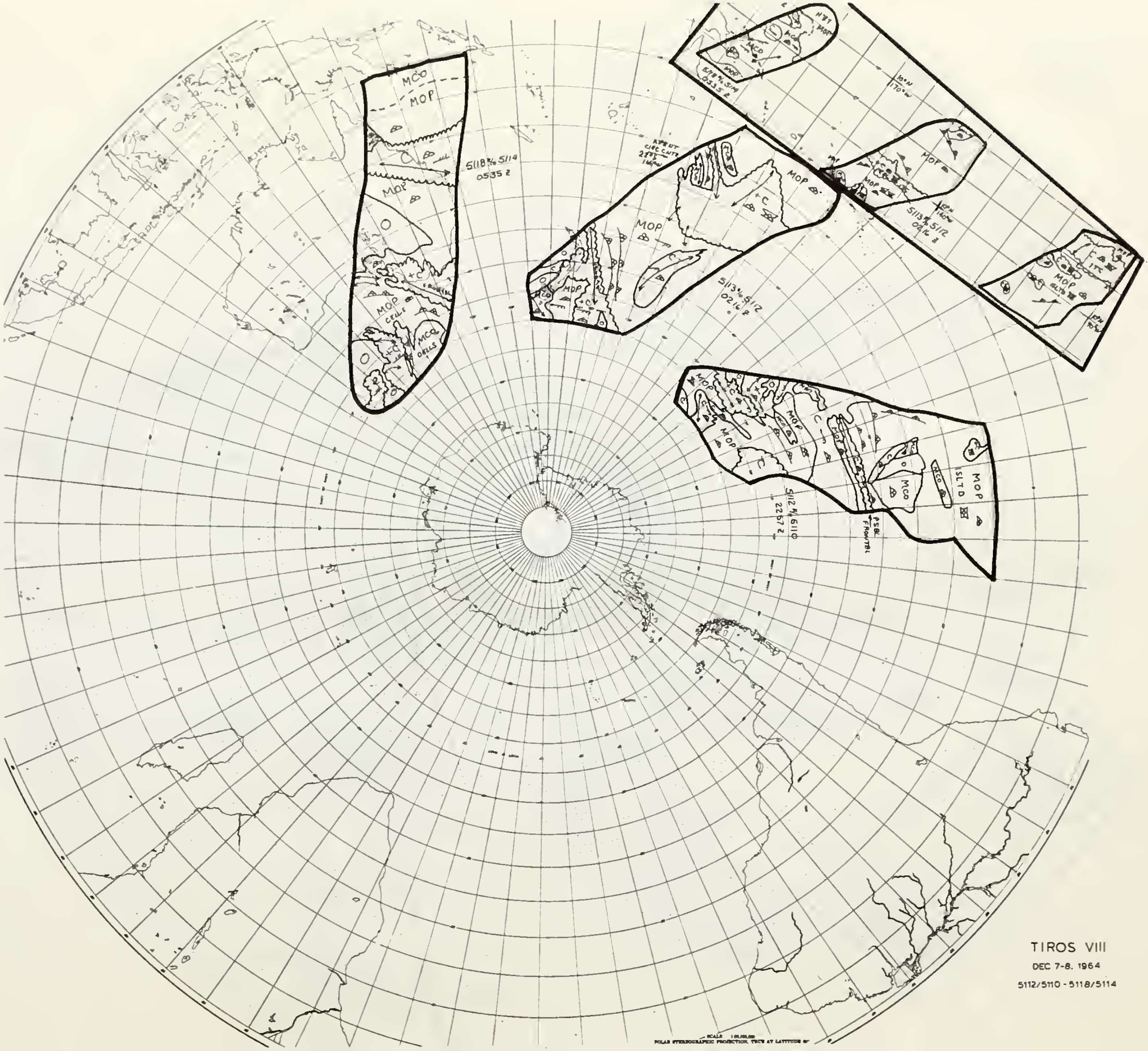

5083 & 5082
0033 Z
5086 & 5084
0352 Z
5089 & 5086
0710 Z
5096 & 5089
1209 Z
MOP
MCO
C
PRBL
FRONTAL
MOP VORTEX
PRBL VORTEX
FRONTAL

SCALE [illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

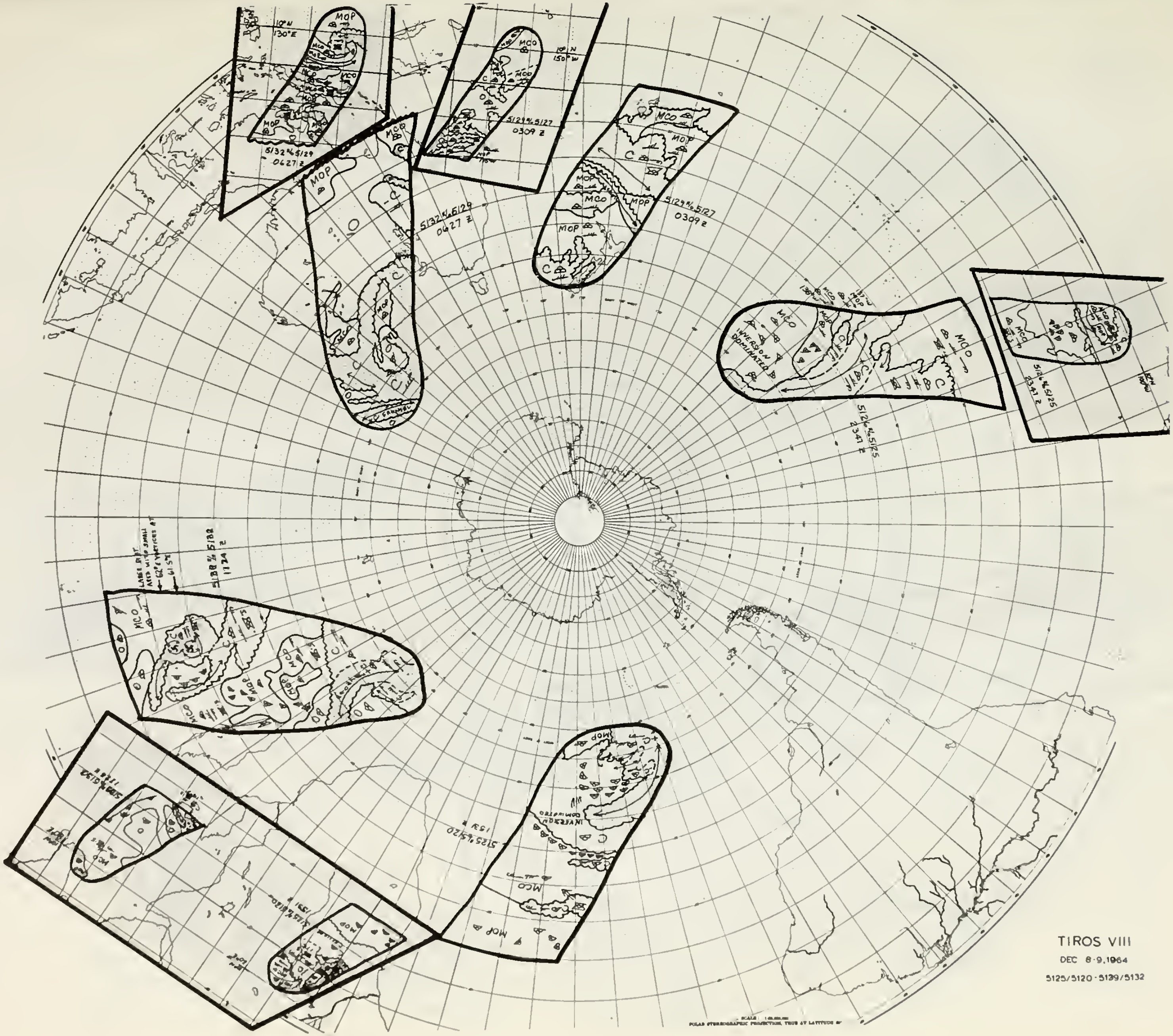
TIROS VIII
DEC 6, 1964
5083/5082·5096/5086


MCO
MOP
5103 & 5100
0623 Z
5099 & 5098
0304 Z
5098 & 5096
2348 Z
5110 & 5103
1121 Z
175°E
172°E
INVERSION DOMINATED
C
O
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

TIROS VIII
DEC 6-7, 1964
5098/5096-5110/5103


MCO
MOP
5118 to 5114
0535 Z
MOP
MOP
CELLS
MCO
CELLS
C
APRNT
CIRC CNTR
22°S
164°W
MOP
C
MOP
C
5113 to 5112
0216 Z
N31
MOP
MCO
MOP
5118 to 5114
0535 Z
10°N
170°W
MOP
MOP
10°N
160°W
5113 to 5112
0216 Z
ITC
MOP
SLTD
10°N
150°W
MOP
MOP
MOP
C
C
MOP
C
MCO
MOP
SLTD
MCO
PSBL
FRONTAL
5112 to 6110
2257 Z
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

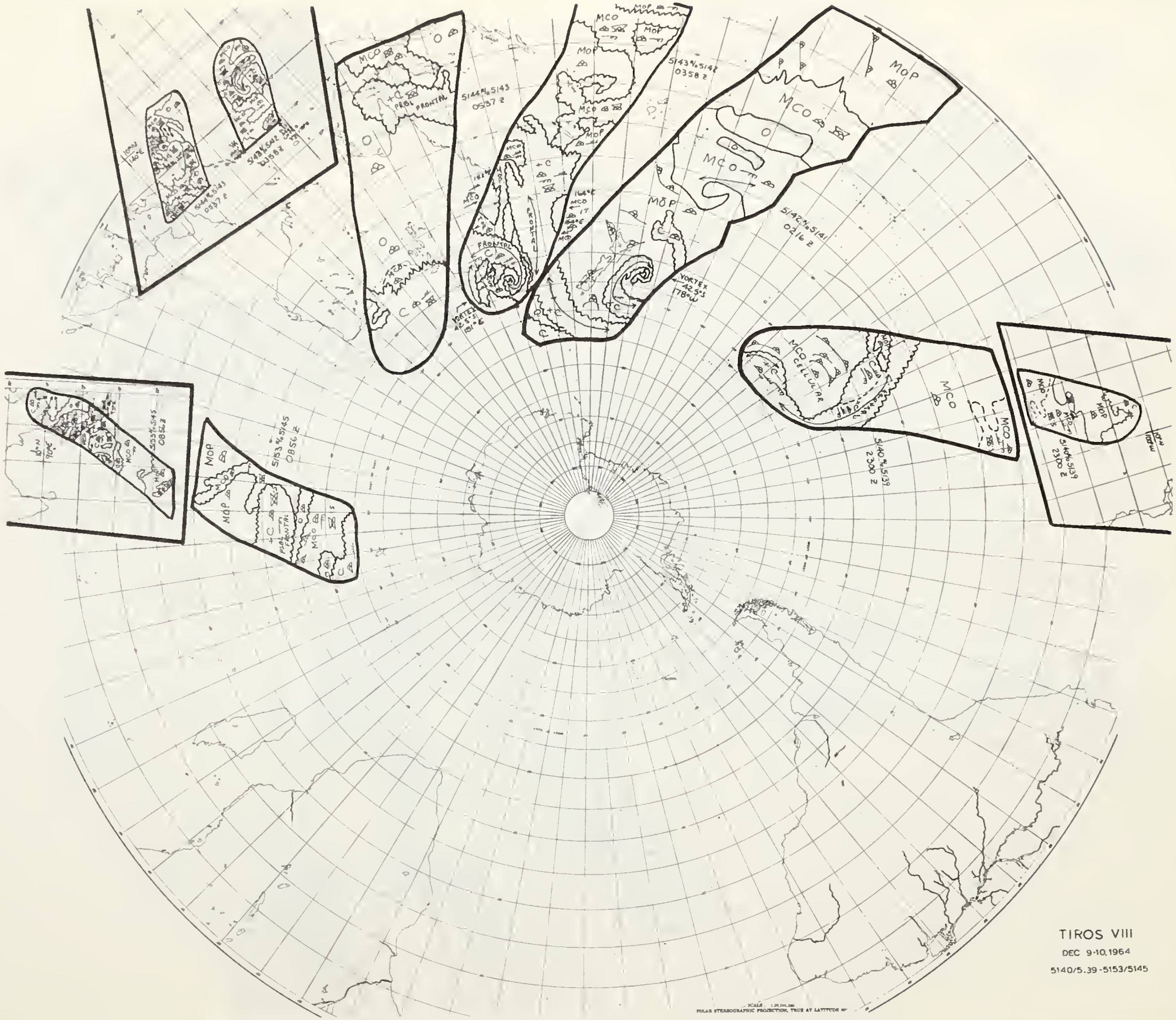
TIROS VIII
DEC 7-8, 1964
5112/5110 - 5118/5114


10°N 130°E
MOP
MCO
5132 & 5129 0427 Z
10°N 150°W
MCO
5129 & 5127 0309 Z
MCO
MOP
C
5129 & 5127 0309 Z
MOP
5132 & 5129 0427 Z
C
INVERSION DOMINATED
MCO
5126 & 5125 2347 Z
10°N 100°W
5126 & 5125 2347 Z
LARGE DIST. AREA WITH SMALL 62° VORTICES AT 61.5°
5138 & 5132 1124 Z
MCO
MOP
C
INVERSION DOMINATED
MCO
MOP
5125 & 5120 1531 Z
SCALE 1:[illegible]
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE [illegible]

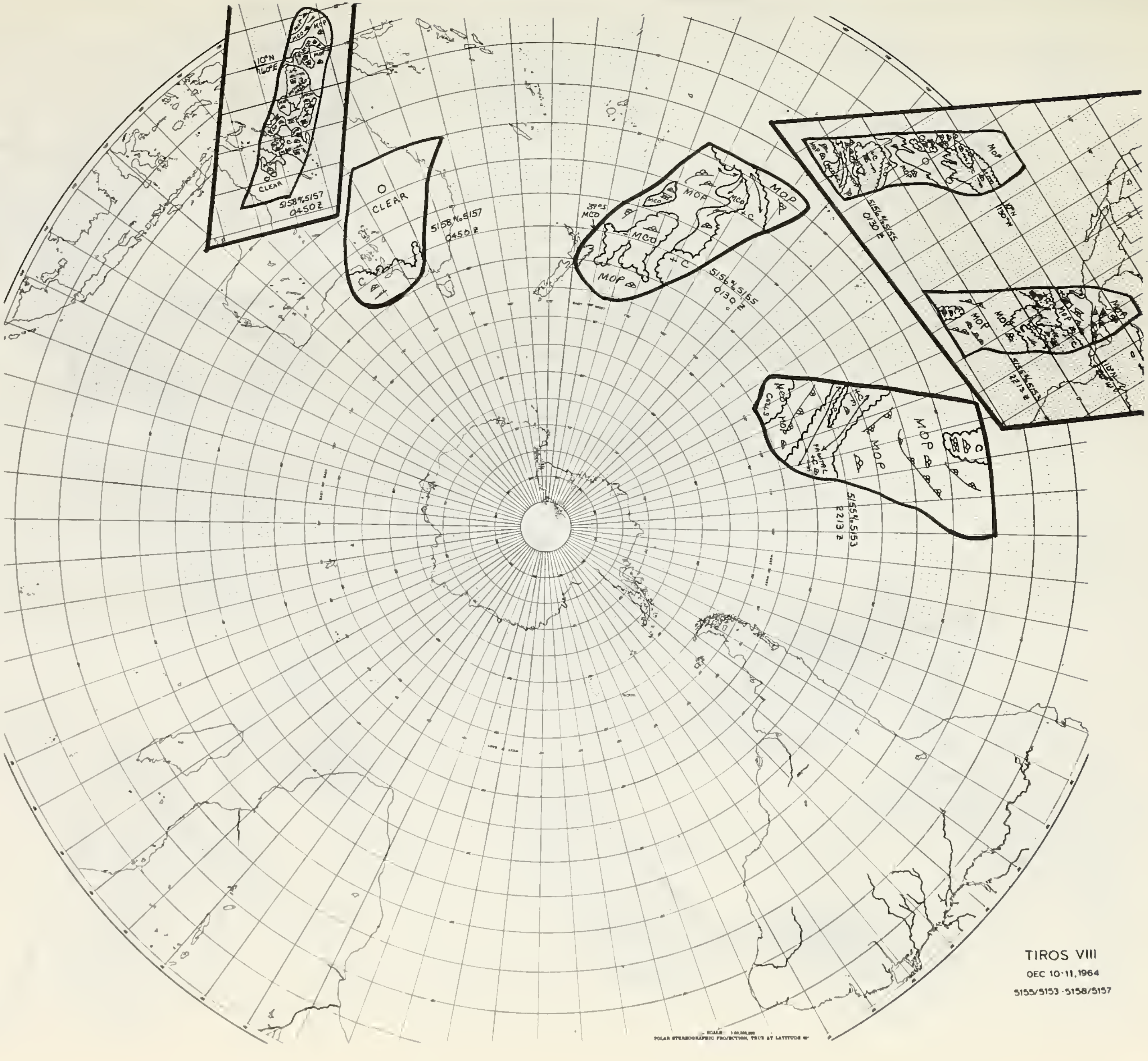
TIROS VIII

DEC 8-9,1964

5125/5120-5139/5132


MOP
MCO
O
MCO
MOP
VORTEX
42.5°S
178°W
5142N/5141
0216 Z
MCO
MOP
MOP
MCO
MOP
+C
FRONTAL
FRONTAL
MCO
164°E
VORTEX
42.5°S
181°E
5143N/5142
0358 Z
O
MCO
+C
PROB. FRONTAL
O
O
MCB
C
5144N/5143
0537 Z
5143N/5142
0358 Z
5144N/5143
0537 Z
10°N
140°E
MCO
CELLULAR
+C
MCO
MCO
5140N/5139
2300 Z
MOP
MCO
5140N/5139
2300 Z
10°N
100°W
MOP
MOP
+C
PROB. FRONTAL
MOP
5153N/5145
0856 Z
5153N/5145
0856 Z
10°N
90°E
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE

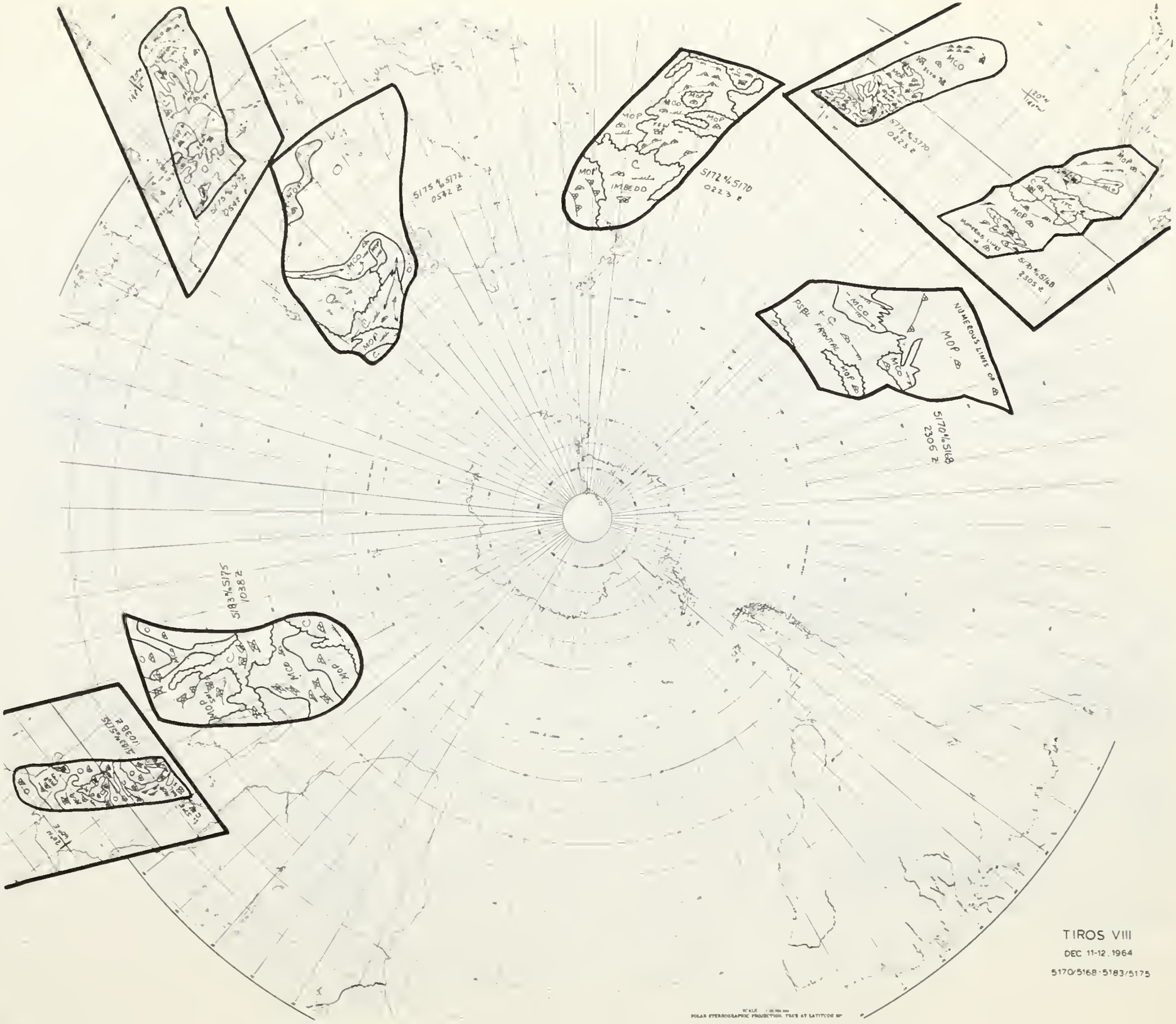
TIROS VIII
DEC 9-10,1964
5140/5.39-5153/5145


10°N
160°E
CLEAR
5158⁄5157
0450Z
O
CLEAR
5158 No 5157
0450Z
39°S
MCO
MOP
MCO
MCO
+C
MOP
MOP
5156/5155
0130Z
10°N
130°W
5156/5155
0130Z
MOP
MOP
5155/5153
2213Z
MCO
CELLS
MOP
FRONTAL
+C
MOP
MOP
C
5155/5153
2213Z
SCALE
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

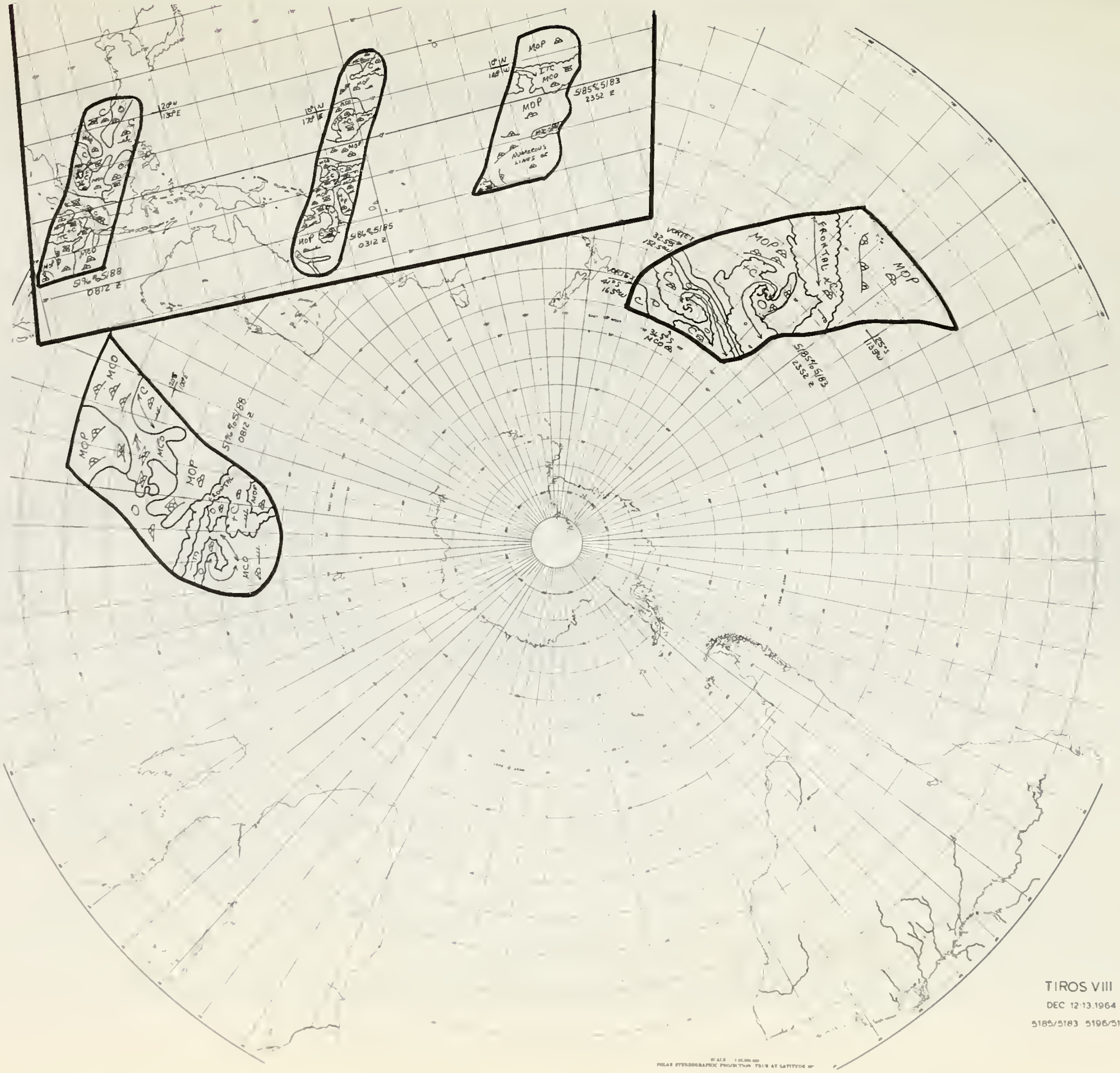
DEC 10-11, 1964

5155/5153 - 5158/5157

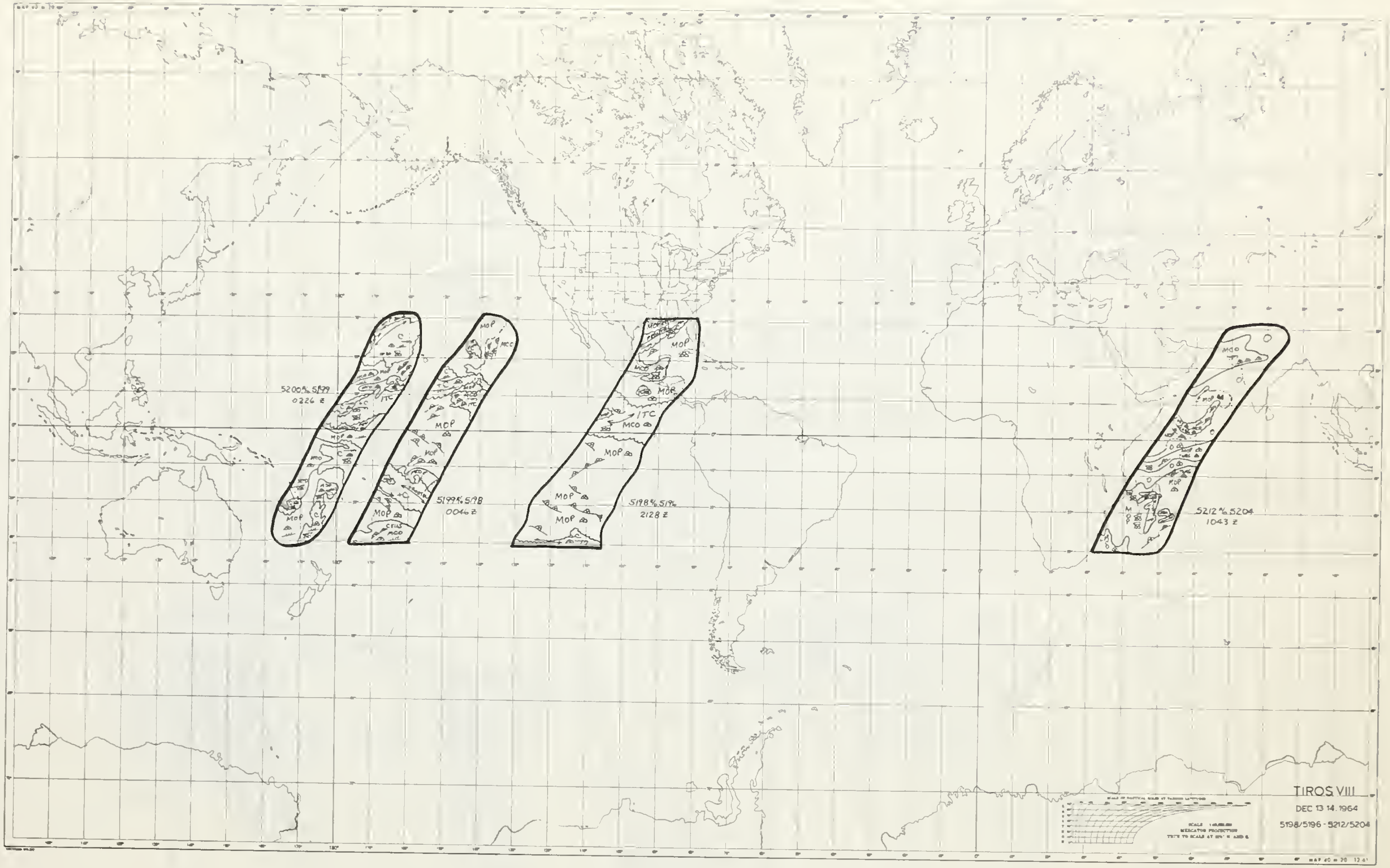

5175 & 5172
0542 Z
5172 & 5170
0223 Z
MOP
MCO
C
IMBEDO
5172 & 5170
0223 Z
20°N
140°W
5170 & 5168
2305 Z
NUMEROUS LINES OF
MOP
MCO
PSBL
C
FRONTAL
5170 & 5168
2305 Z
5183 & 5175
1038 Z

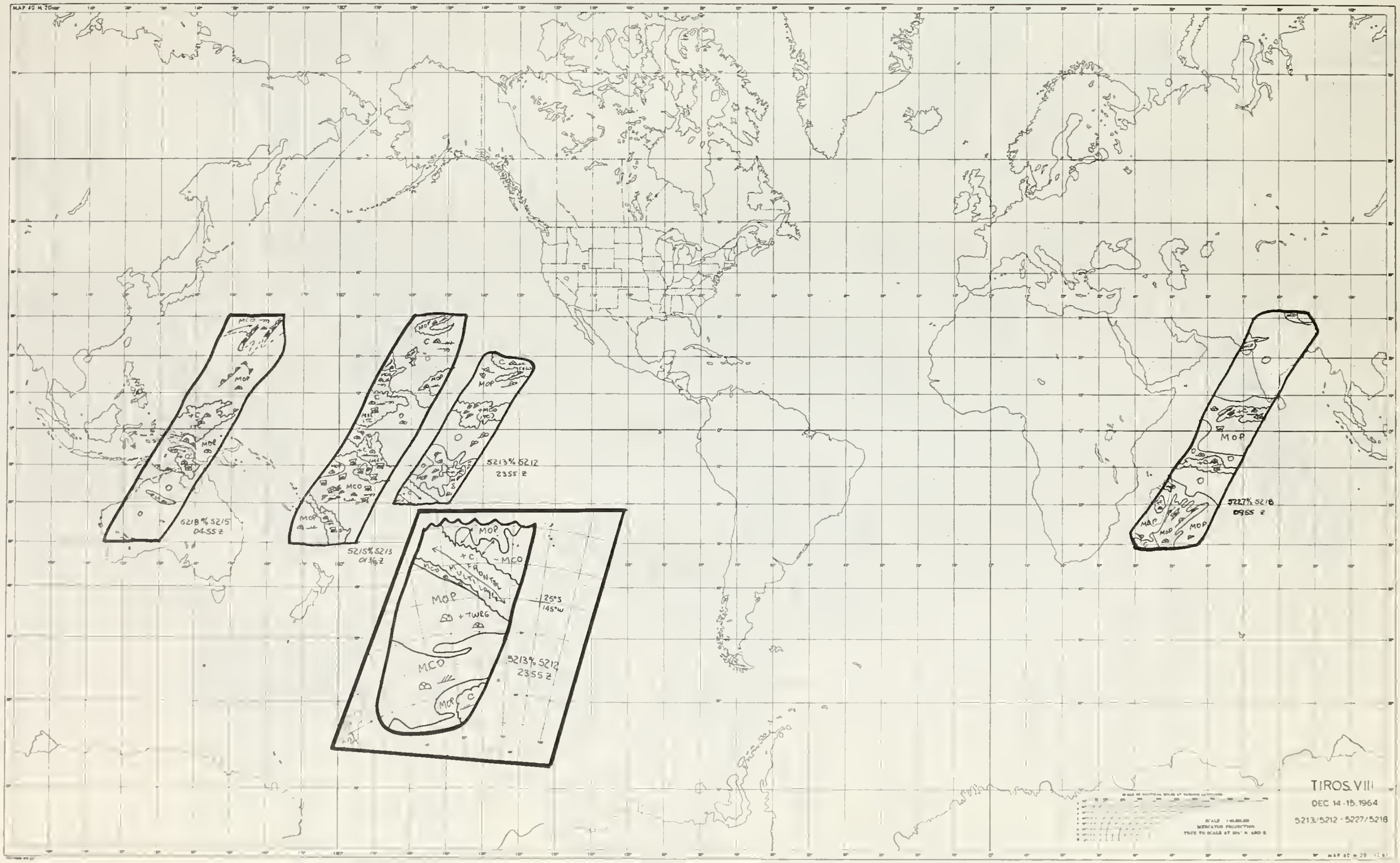
TIROS VIII
DEC 11-12. 1964
5170/5168-5183/5175

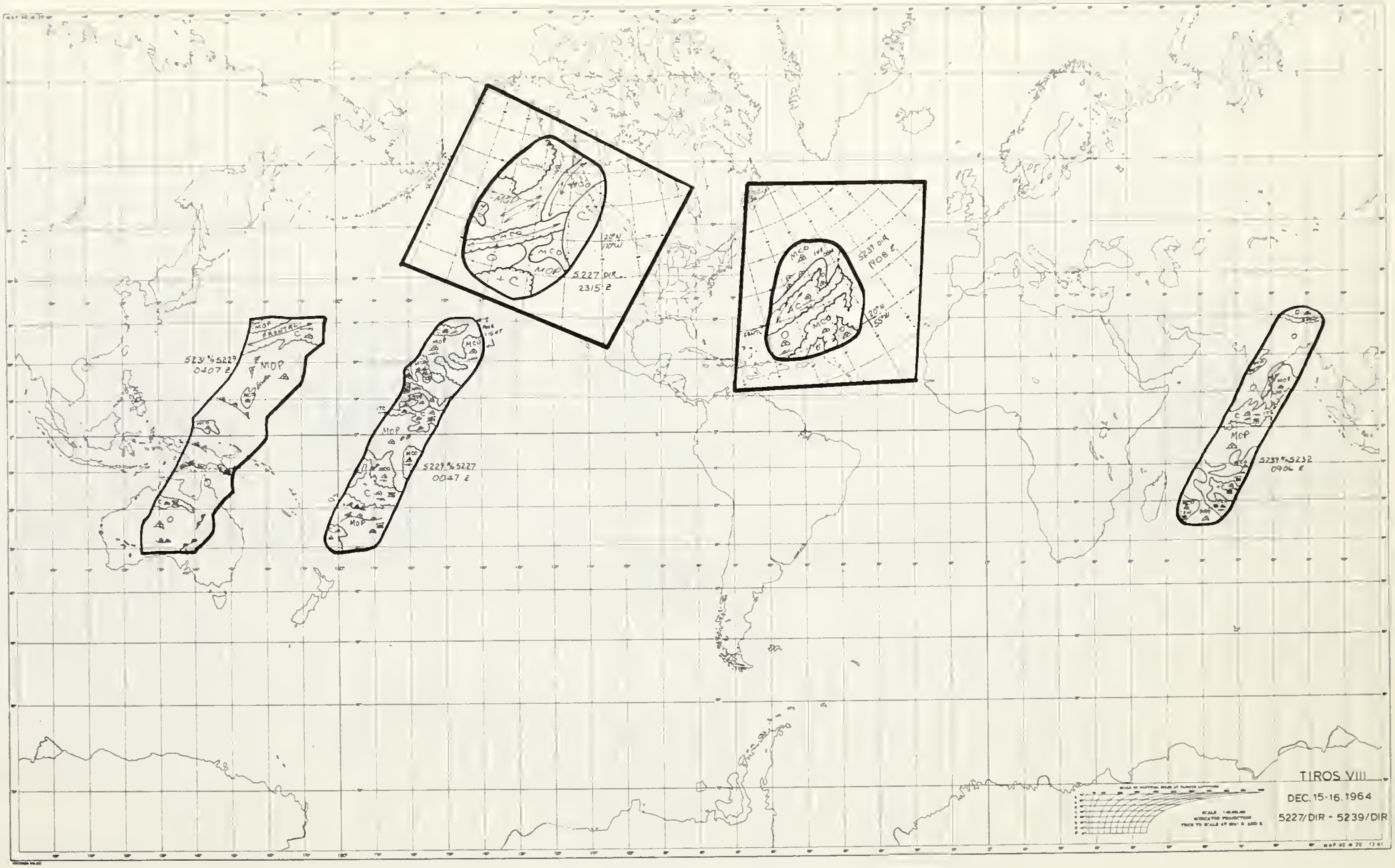
SCALE [illegible]
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE [illegible]


MOP
ITC
MCO
5185 to 5183
2352 Z
10°N
148°W
Numerous lines of
10°N
170°E
5186 to 5185
0312 Z
20°N
130°E
5196 to 5188
0812 Z
VORTEX
32.5°S
152.5°W
VORTEX
41°S
165°W
36.5°S
MCO
FRONTAL
25°S
139°W
5185 to 5183
2352 Z
MCO
MOP
FRONTAL
20°S
100°E
5196 to 5188
0812 Z
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

TIROS VIII
DEC 12-13, 1964
5185/5183 5196/5188

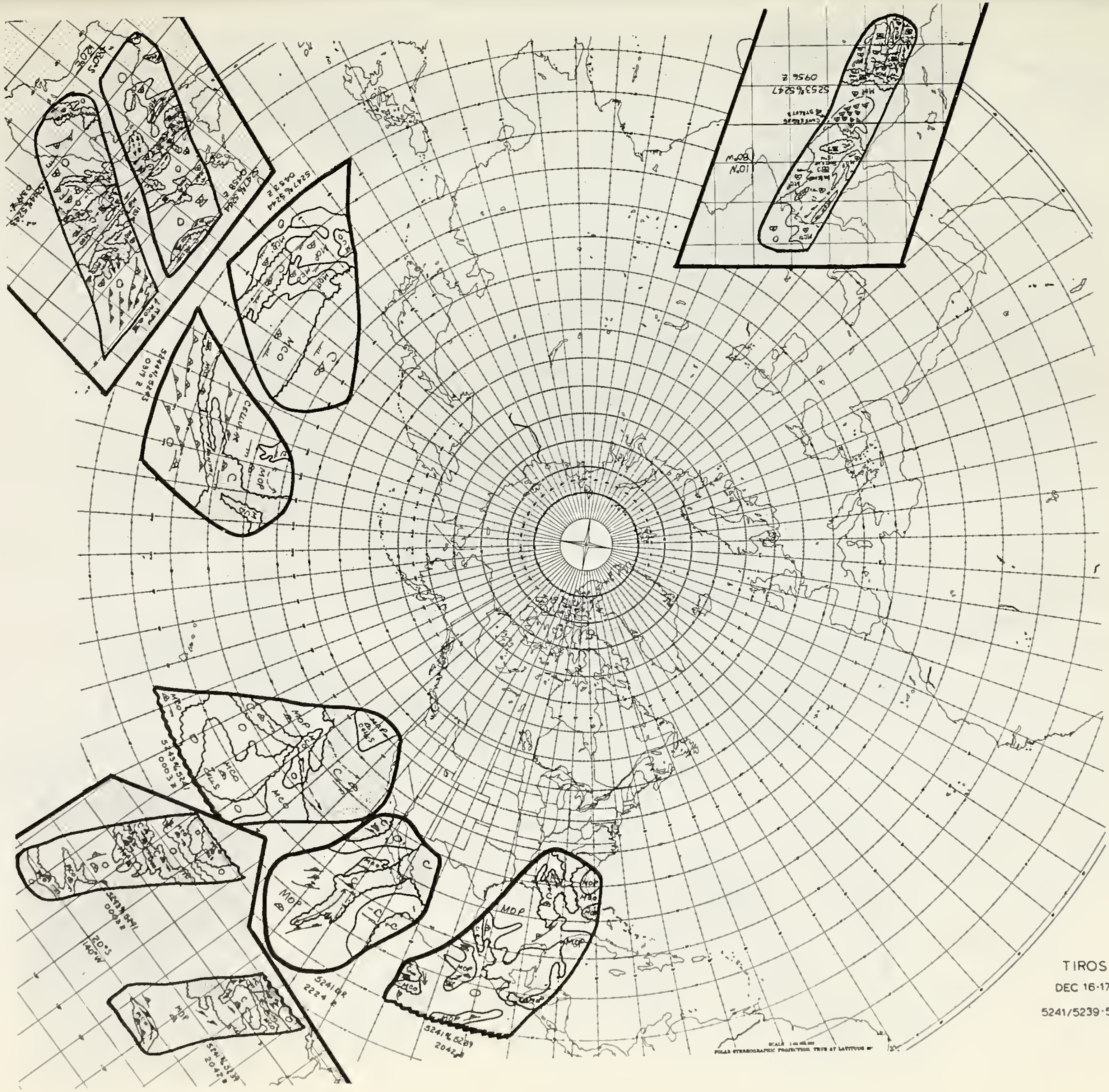

TIROS VIII
DEC 13 14. 1964
5198/5196 - 5212/5204
5200% 5199
0226 z
5199% 5198
0046 z
5198% 5196
2128 z
5212% 5204
1043 z
MOP
MCC
MCO
ITC
MOR
C
CELLS
M


MAP 40 M 70
5218% 5215
0455 Z
5215% 5213
0136 Z
5213% 5212
2355 Z
MCO
MOP
C
+MCO
MAP
+C
-MCO
FRONTAL
MULTI LAYER
MOP
+TWRG
MCO
25°S
145°W
5213% 5212
2355 Z
5227% 5218
0955 Z
TIROS VIII
DEC 14-15, 1964
5213/5212 · 5227/5218
SCALE
MERCATOR PROJECTION



MOP
FRONTAL
C
5231 % 5229
0407 Z
MOP
MCO
C
MOP
MCO
ITC
MOP
MCO
C
MOP
5229 % 5227
0047 Z
MCO
MCO
C
MCO
MOP
+C
20°N
110°W
5227 DIR
2315 Z
MCO
5239 DIR
1908 Z
C
MCO
20°N
55°W
FRONTAL
C
MOP
MOP
5239 % 5232
0906 Z

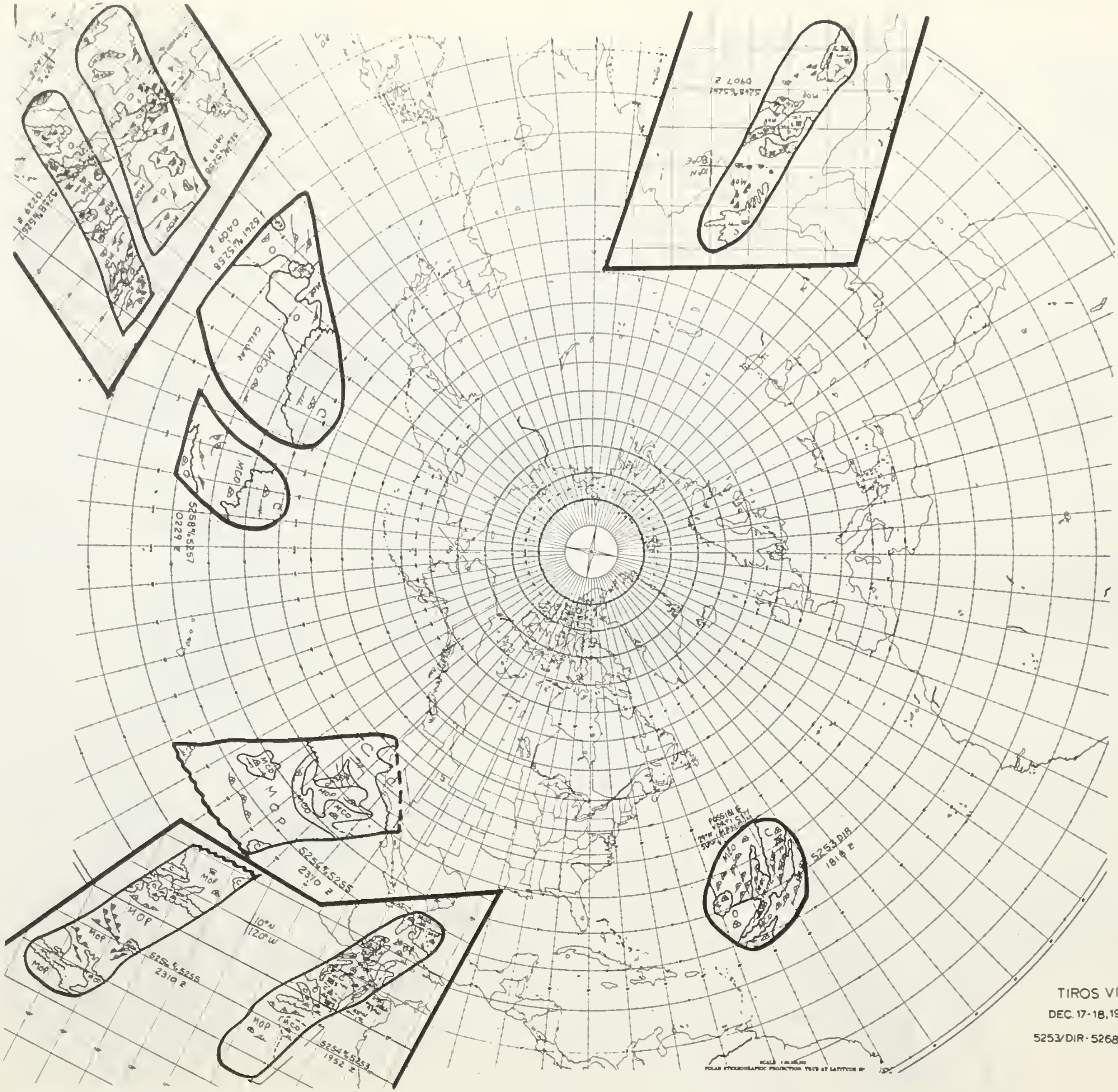
TIROS VIII
DEC. 15-16, 1964
5227/DIR - 5239/DIR


5253 & 5247
0956 Z
10°N
180°W
5247 & 5244
0453 Z
5244 & 5243
0319 Z
CELLULAR
MOP
MCO
C
5243 & 5241
0003 Z
CELLS
5241 DR
2224 Z
5241 & 5239
2042 Z
20°S
140°W

TIROS VIII

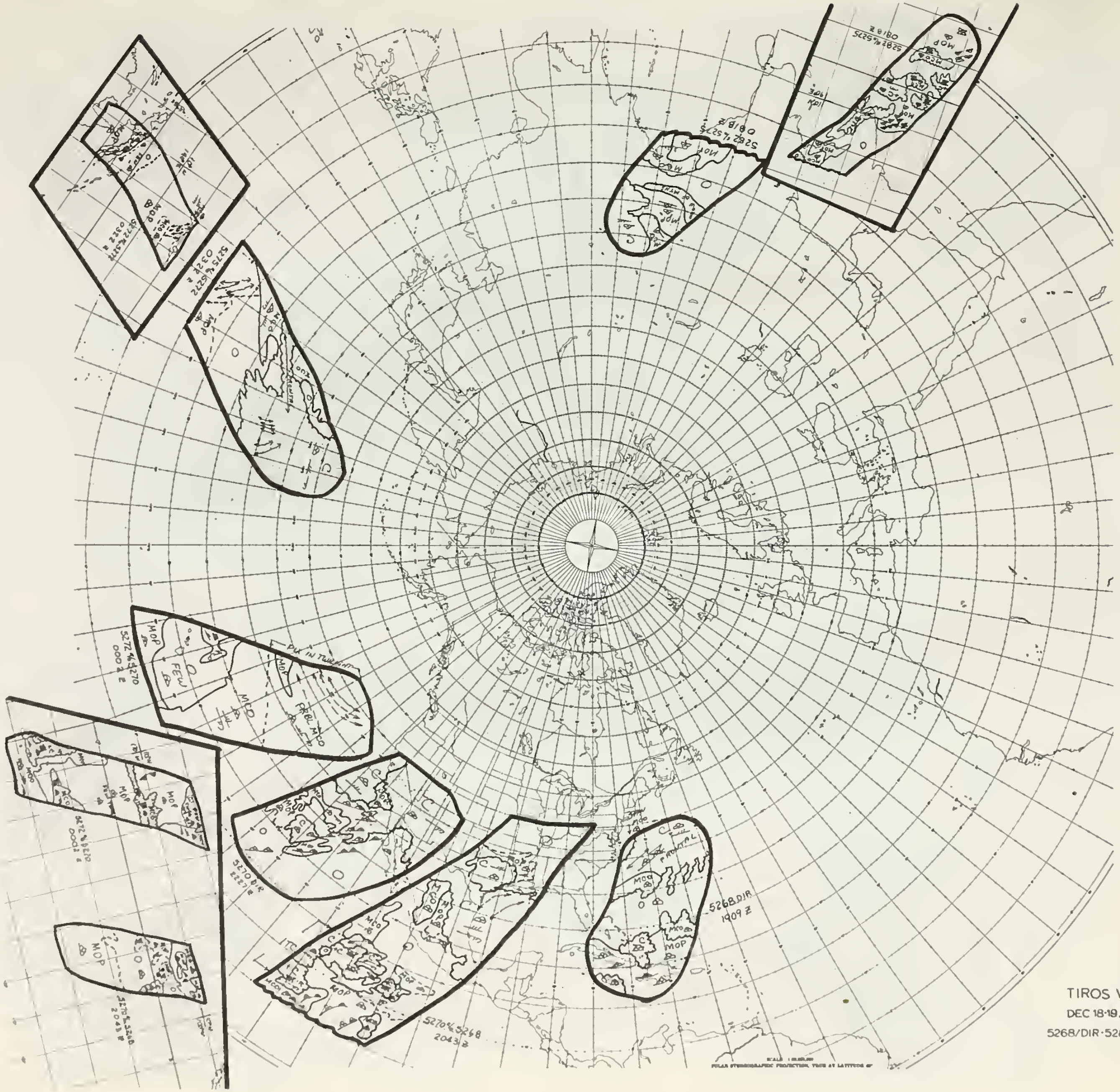
DEC 16-17.1964

5241/5239-5253/5247

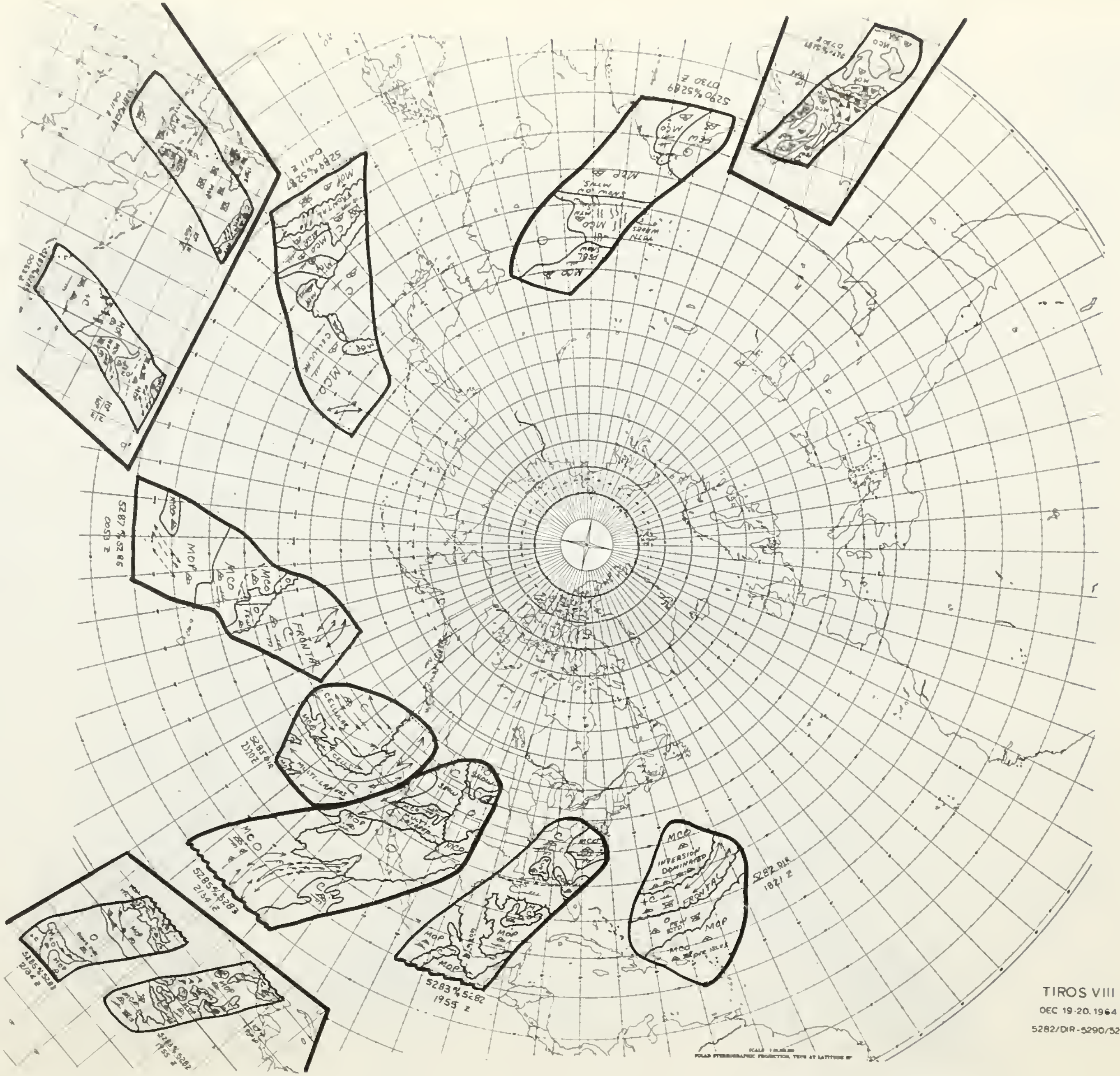


5261/5258
0409 Z
MCO
CELLULAR
C
5258/5257
0229 Z
MCO
MOP
5254/5255
2310 Z
10°N
120°W
5254/5253
1932 Z
POSSIBLE
5253 DIR
1818 Z
0907 Z
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

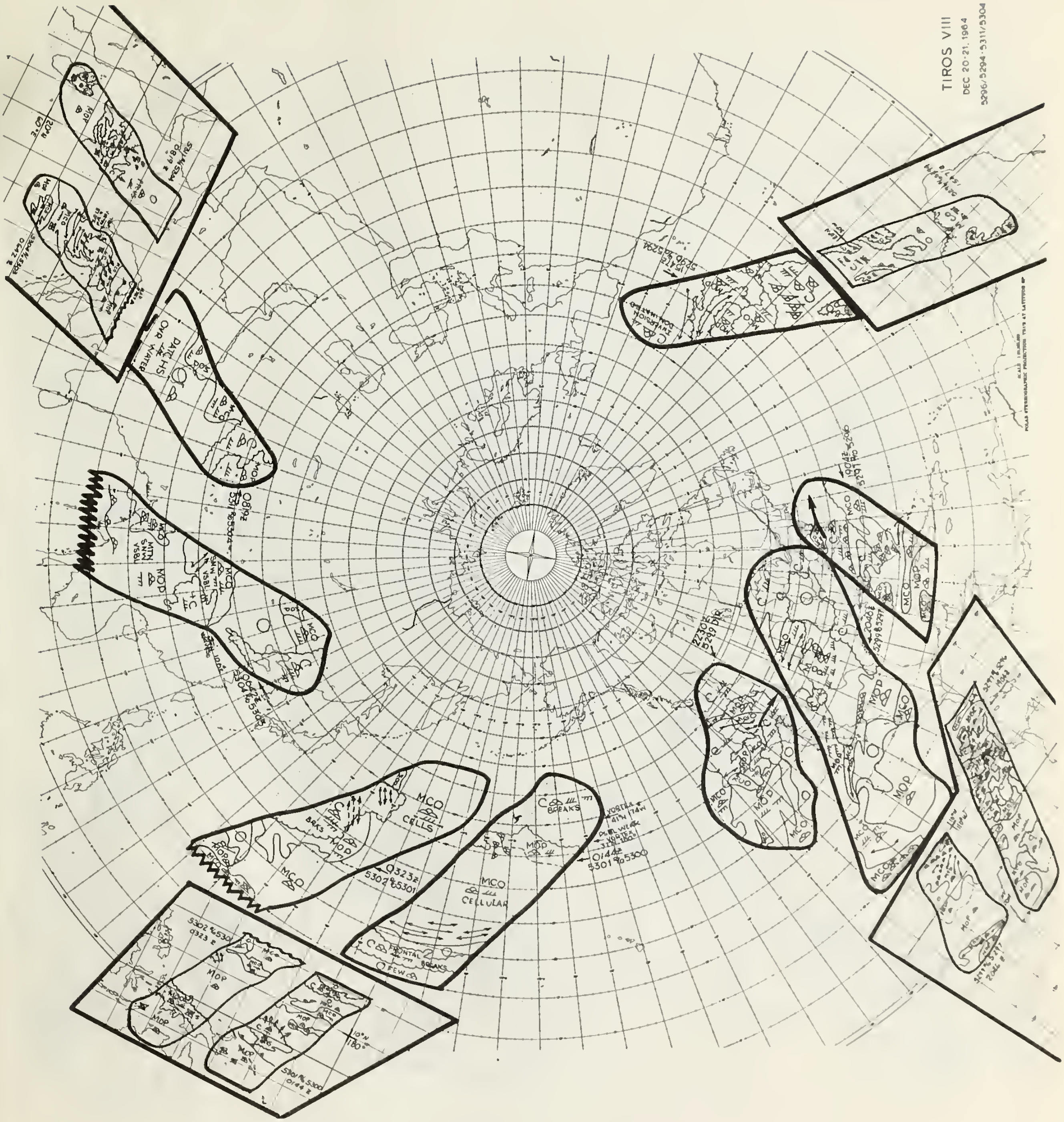
TIROS VIII
DEC. 17-18, 1964
5253/DIR-5268/5261


5282 & 5275 0818 Z
5275 & 5272 0322 Z
5272 & 5270 0002 Z
5270 DIR 2227 Z
5270 & 5268 2043 Z
5268 DIR 1909 Z
MOP
MCO
FEW
PRBL MCO
PK IN TURRET
FRONTAL
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

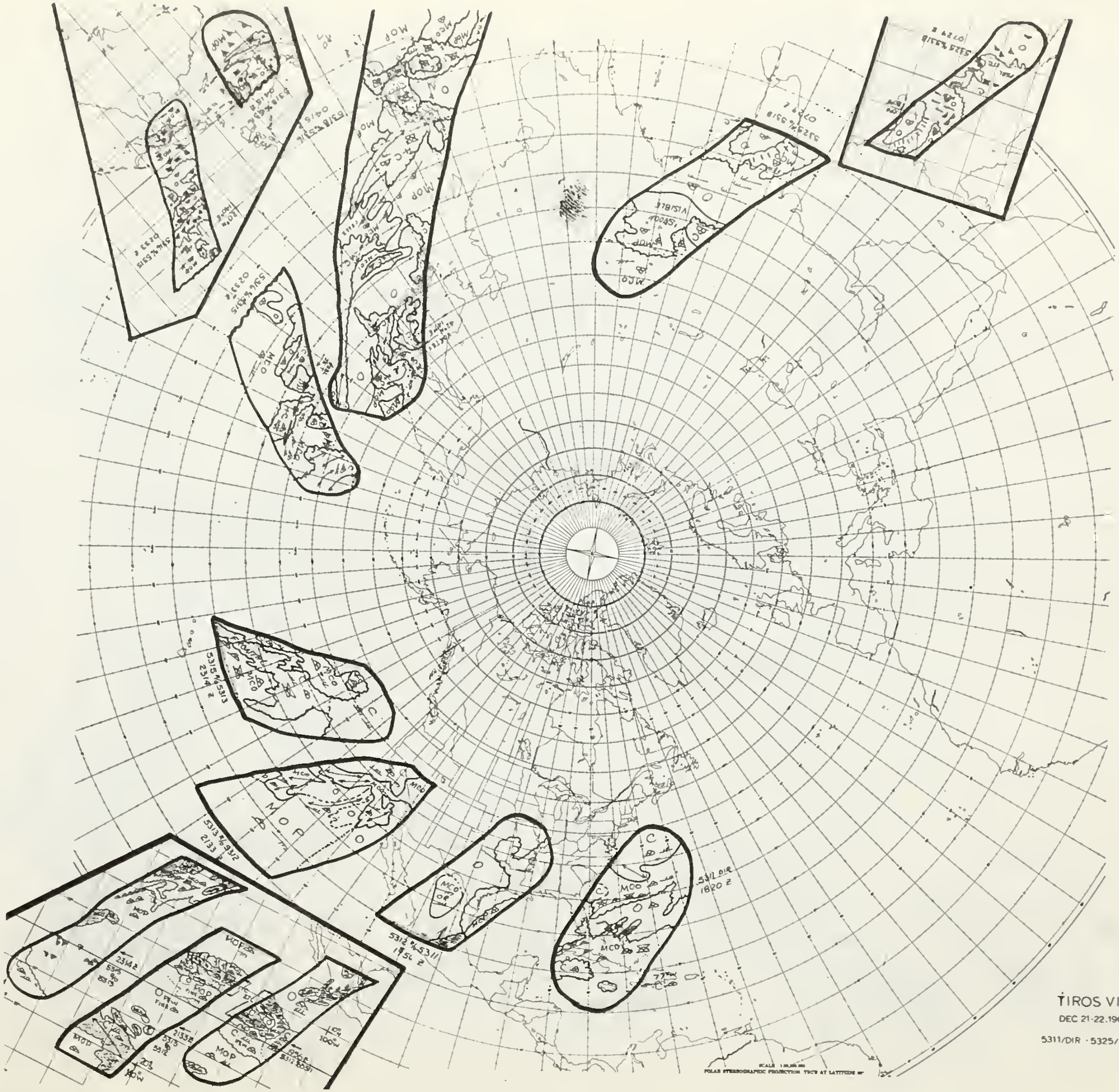
TIROS VIII
DEC 18-19,1964
5268/DIR-5282/5275


5282 DIR
1821 Z
INVERSION DOMINATED
FRONTAL
MCO
MOP
5283 % 5282
1955 Z
5285 % 5283
2134 Z
5285 DIR
2120 Z
CELLULAR
MULTI-LAYERS
FRONTAL
MCO
MOP
5287 % 5286
0053 Z
5289 % 5287
0411 Z
CELLULAR
5290 % 5289
0730 Z
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII
DEC 19-20, 1964
5282/DIR-5290/5289


MCO
CELLS
MCO
CELLULAR
MOP
FRONTAL
FEW
BREAKS
0323Z
5302 to 5301
0144Z
5301 to 5300
2230Z
5299 DIR
INVERSION
DOMINATED
PATCHES
OVR WATER
MTN
SNW
VSBL
10°N
180°

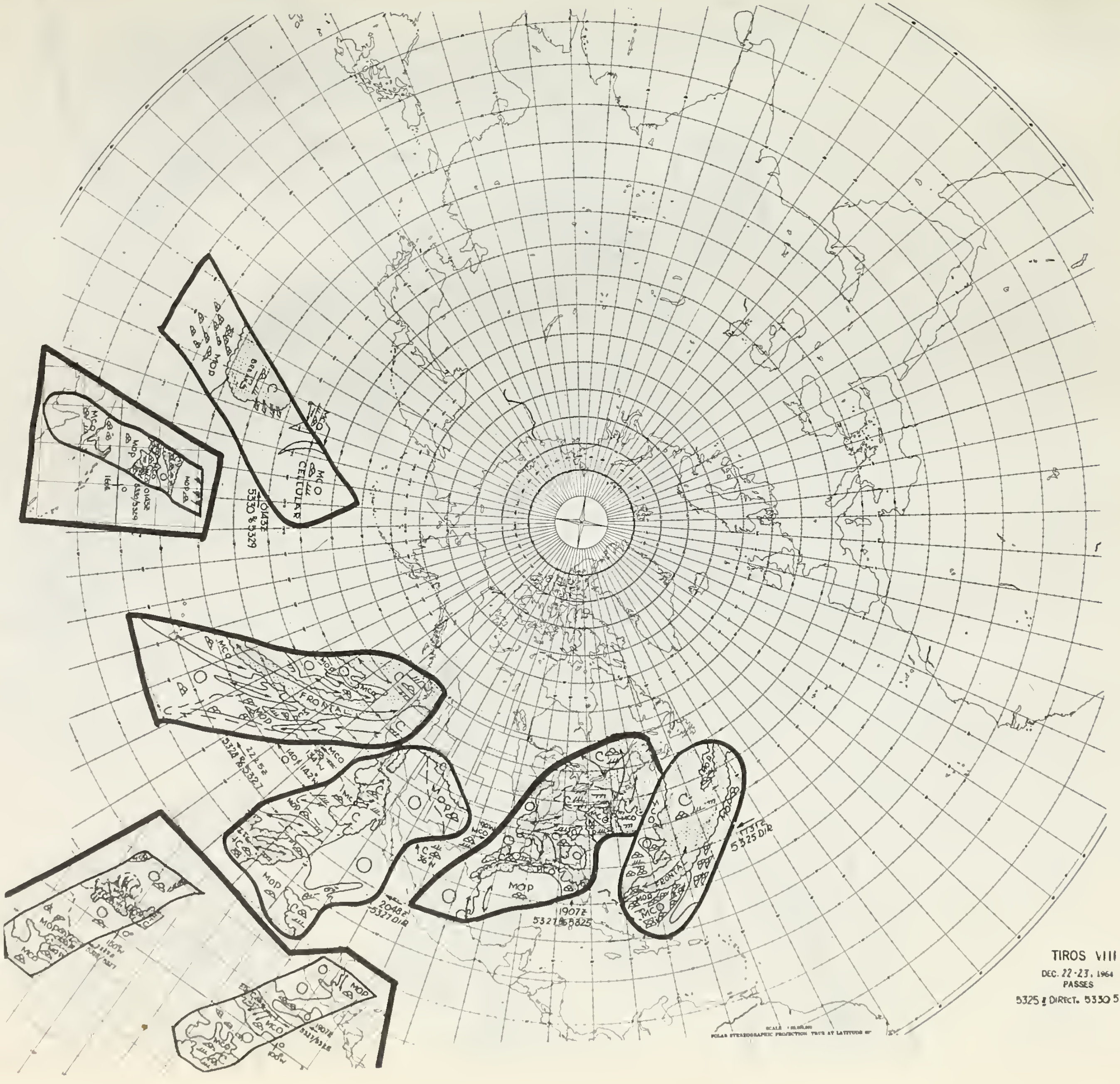
TIROS VIII
DEC 20-21, 1964
5296/5294-5311/5304


5311 DIR
1820 Z
5312 & 5311
1956 Z
5313 & 5312
2133 Z
5315 & 5313
2314 Z
5316 & 5315
0233 Z
5318 & 5316
0415 Z
5325 & 5318
0729 Z
MCO
MOP
VISIBLE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

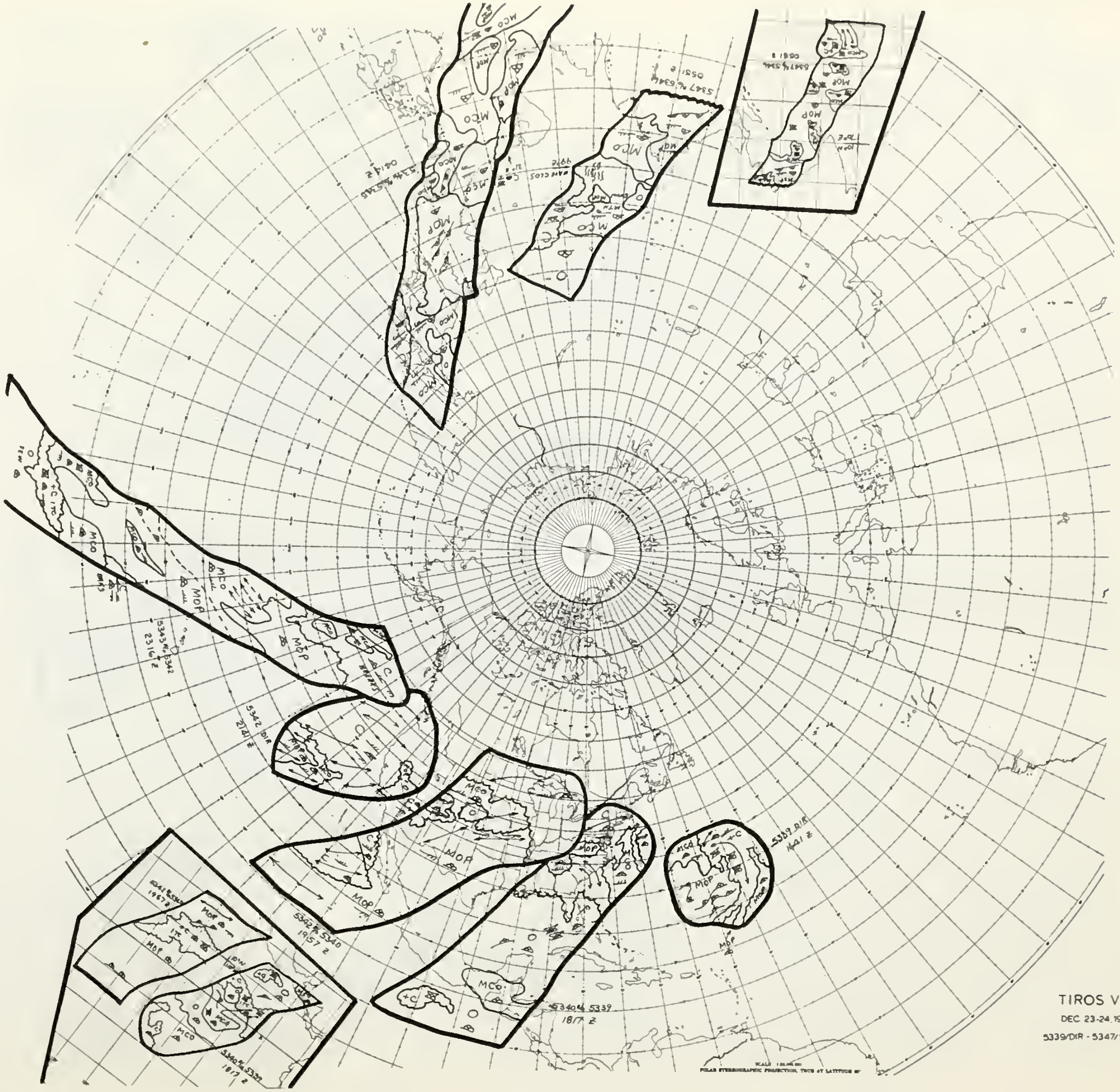
TIROS VIII

DEC 21-22.1964

5311/DIR · 5325/5318


MCO
CELLULAR
0143Z
5330 & 5329
BREAKS
MOP
MCO
0143Z
5330/5329
MOP
FRONTAL
MCO
MOD
2252Z
5328 & 5327
1401
1421
MCO
2048Z
5327 DIR
MOP
1907Z
5327 & 5325
FRONTAL
MCO
1731Z
5325 DIR
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

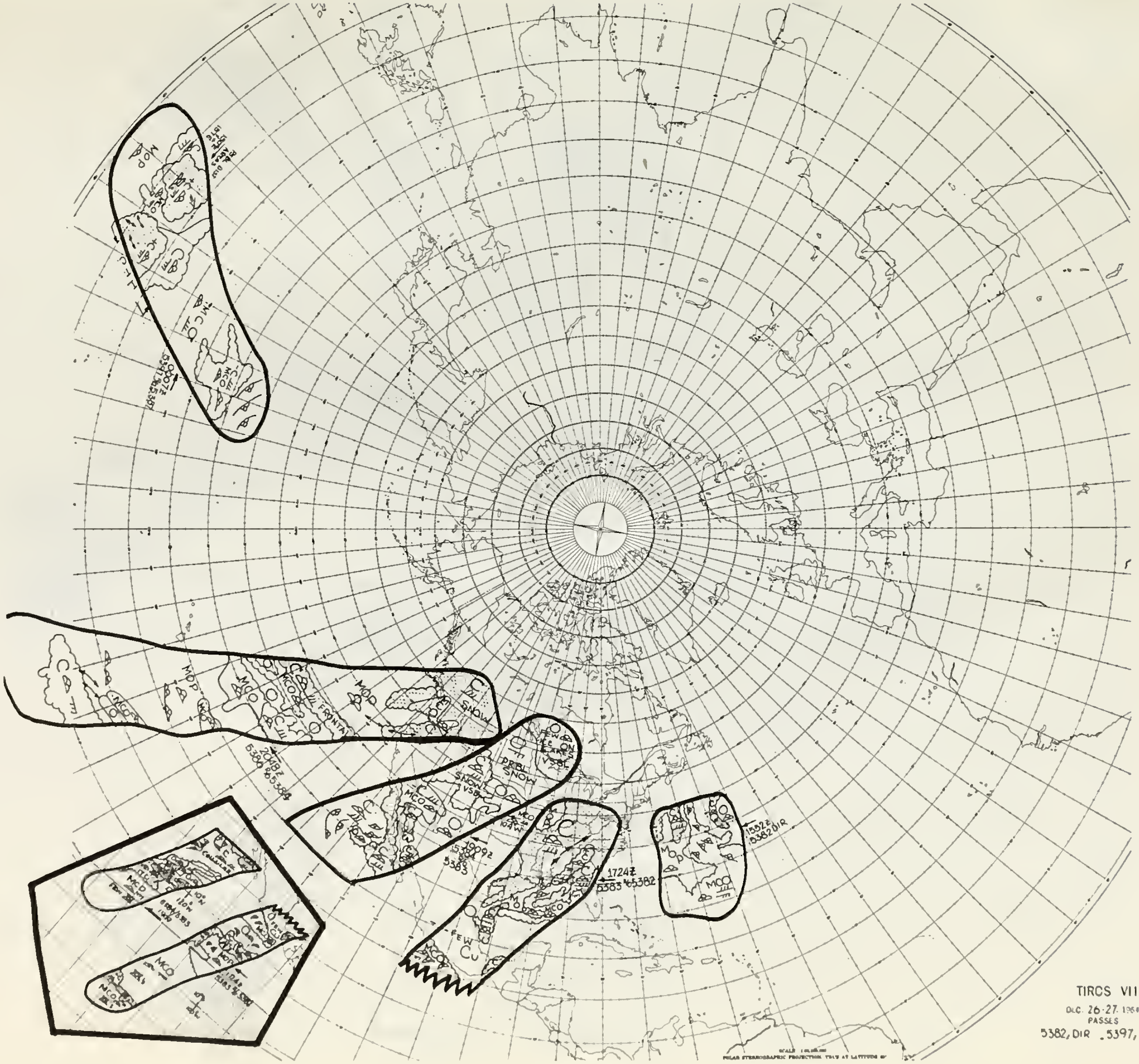
TIROS VIII
DEC. 22-23, 1964
PASSES
5325 & DIRECT. 5330 5329


MCO
MOP
C
5342 DIR
2141 Z
5343 ¾ 5342
2316 Z
5342 ¾ 5340
1957 Z
5340 ¾ 5339
1817 Z
5339 DIR
1641 Z
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

TIROS VIII

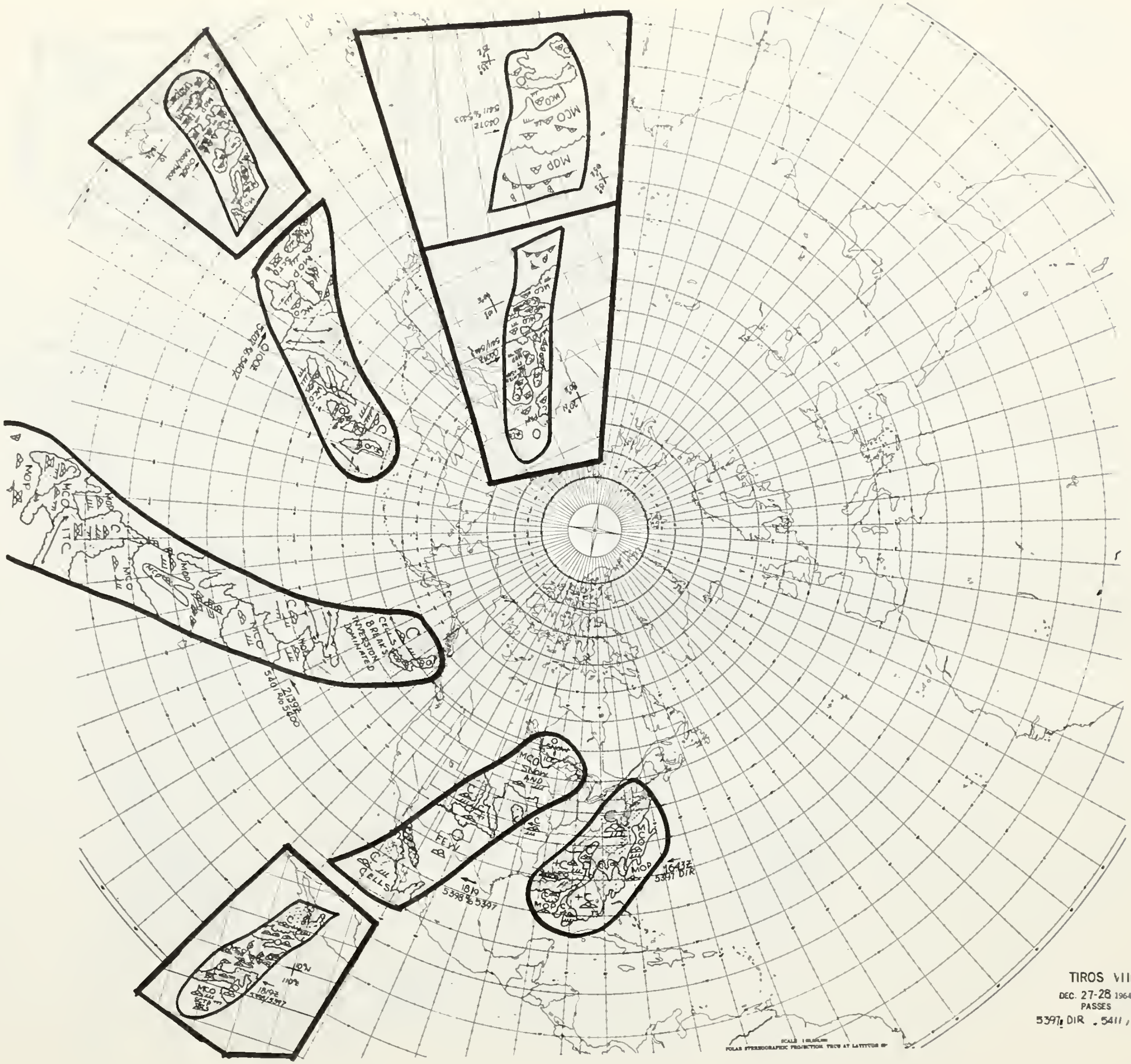
DEC 23-24, 1964

5339/DIR - 5347/5346

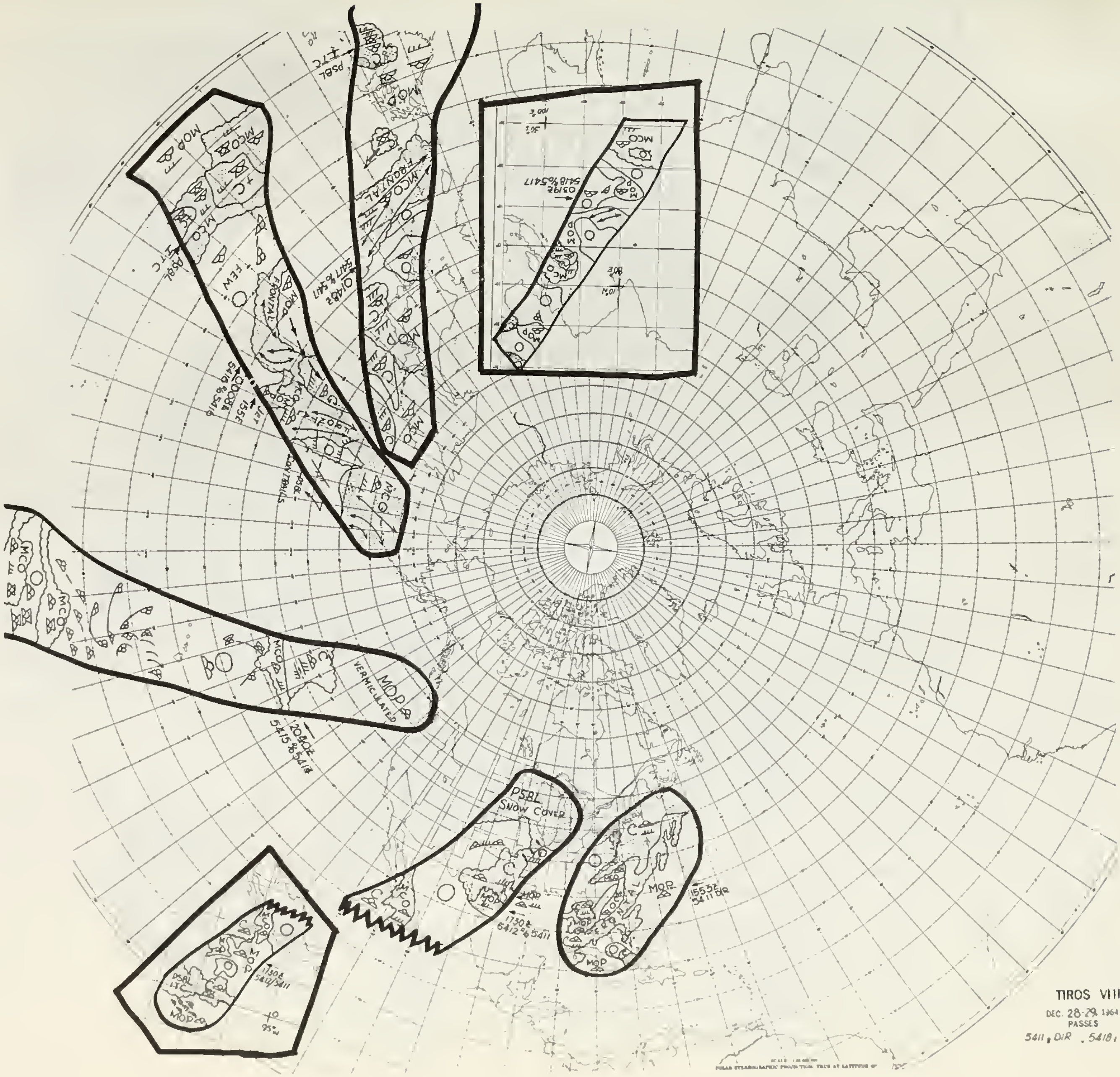

MOP
MCO
SNOW
FRONTAL
PRBL SNOW
FEW ON LAKES VSBL
FEW CU
1724Z
5383 to 5382
1552Z
5382 DIR
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

TIRCS VIII

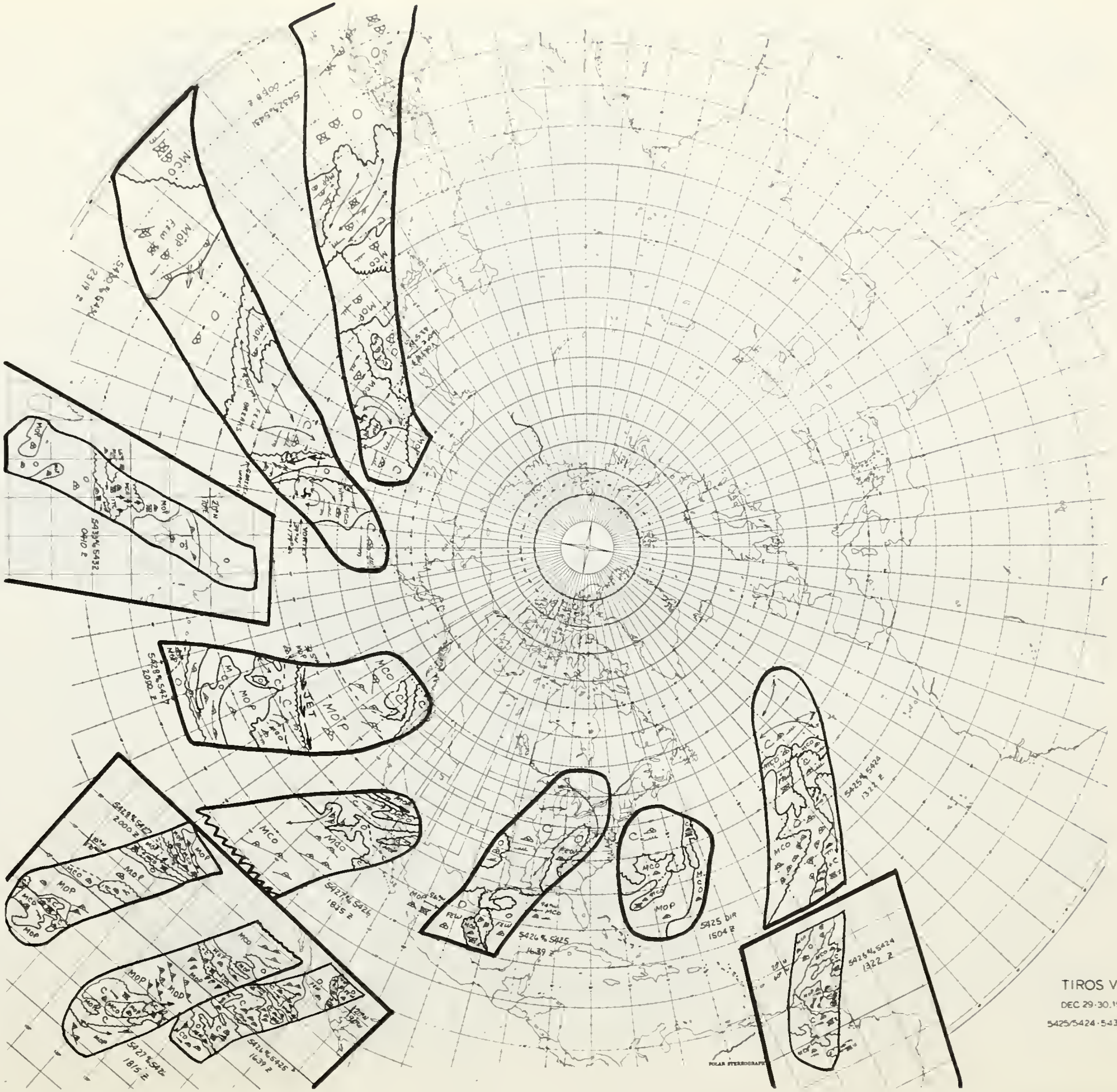
DEC. 26-27. 1964
PASSES
5382, DIR .5397, 5387


MCO
MOP
C
ITC
CELLS
BREAKS
INVERSION
DOMINATED
2139Z
5401 R/O 5400
0100Z
5402 R/O 5402
MCO
SNOW
AND
FEW
CELLS
1819
5398 R/O 5397
1643Z
5397 DIR
0407Z
5411 R/O 5403
SCALE
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE

TIROS VIII
DEC. 27-28 1964
PASSES
5397 DIR . 5411 , 5403


MOP
MCO
+C
PSBL
ITC
FEW
MOP
FRONTAL
MCO
JET
155E
0008Z
5416 & 5416
PSBL
CONTRAILS
MCO
FRONTAL
MOP
0148Z
5417 & 5417
MCO
0519Z
5418 & 5417
MCO
MCO
10°N
80°E
30°S
100°E
MOP
VERMICULATED
2030Z
5415 & 5418
PSBL
SNOW COVER
1730Z
6412 & 5411
MOP
1553Z
5411 DIR
MOP
1130Z
5414/5411
PSBL
ITC
MOP
95°W

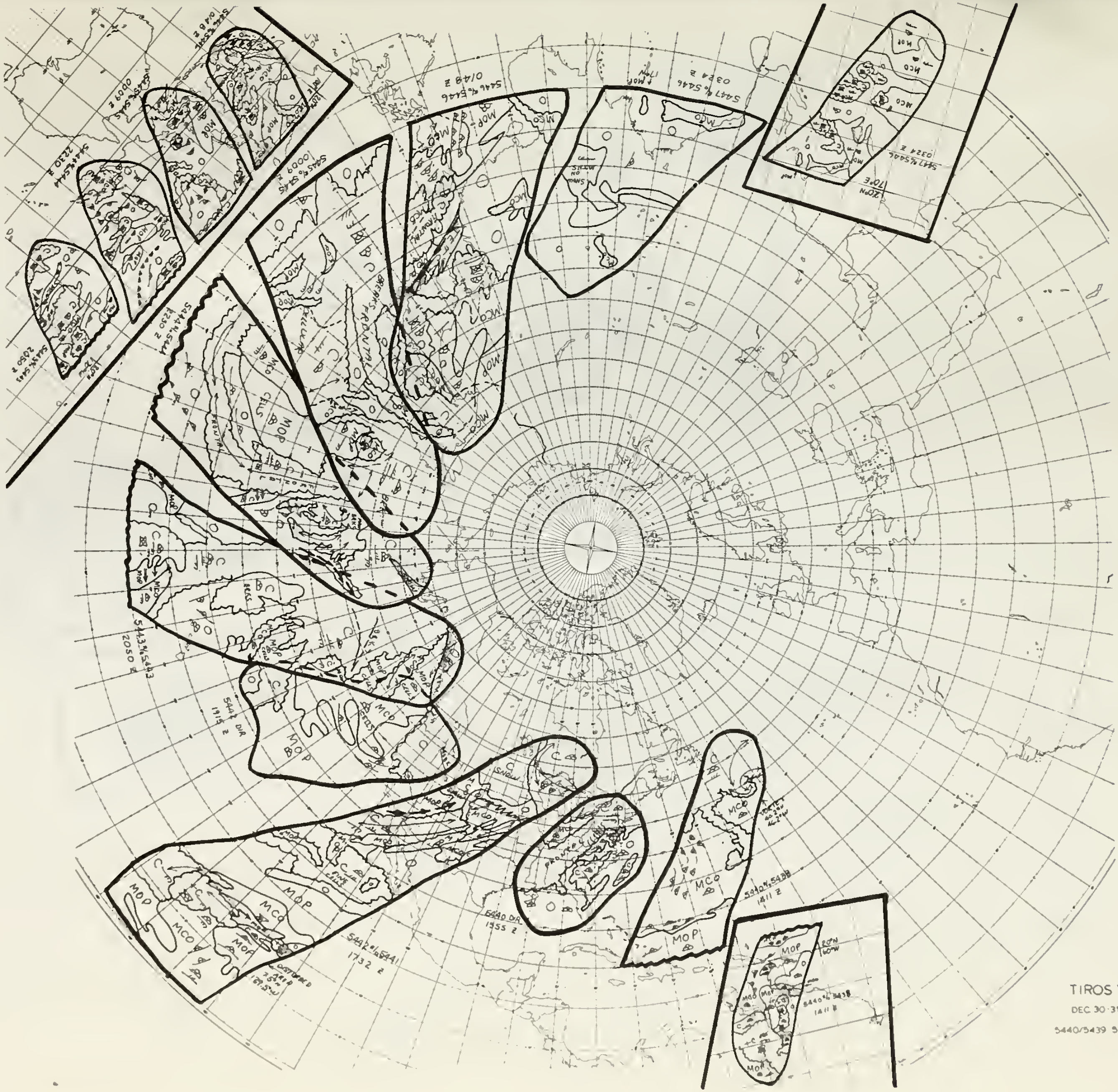
TIROS VIII
DEC. 28-29 1964
PASSES
5411, D/R , 5418, 5417


5432 & 5431
5430 & 5431
2319 Z
MCO
MOP
FEW
FRONTAL FEW BREAKS
VORTEX
5433 & 5432
0410 Z
20°N
70°E
5428 & 5427
2000 Z
JET
MCO
MOP
5427 & 5426
1815 Z
5426 & 5425
1639 Z
5425 DIR
1504 Z
5425 & 5424
1322 Z
POLAR STEREOGRAPHIC

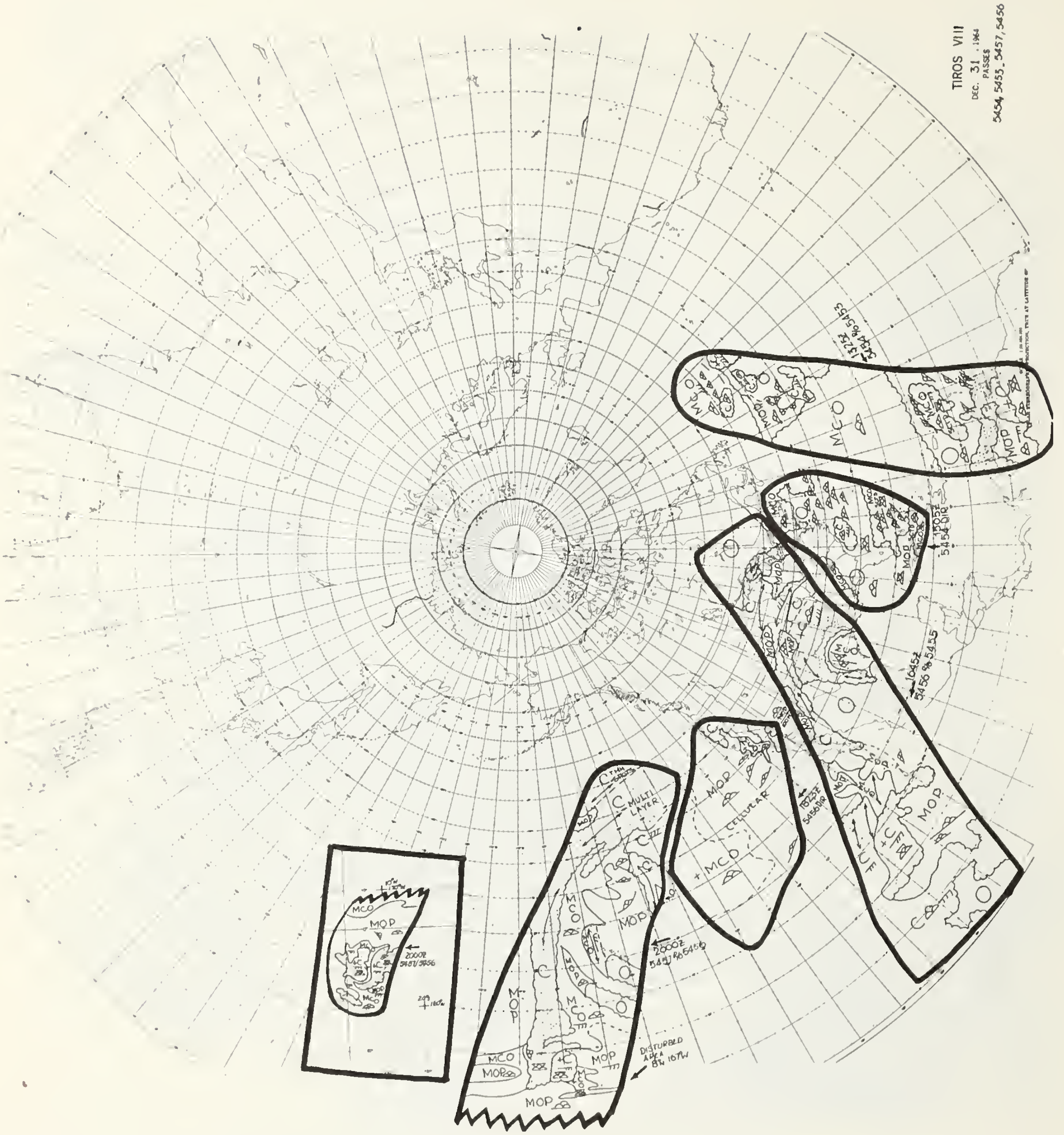
TIROS VIII

DEC 29·30,1964

5425/5424·5432·543


5447 & 5446
0324 Z
5446 & 5446
0148 Z
5445 & 5445
0009 Z
5444 & 5444
2230 Z
5443 & 5443
2050 Z
5442 DIR
1915 Z
5441 & 5441
1732 Z
5440 DIR
1955 Z
5440 & 5438
1411 Z
MCO
MOP
CELLS
BREAKS FRONTAL
FRONTAL
CELLULAR
SNOW

TIROS VIII
DEC 30-31,1964
5440/5439 5447/5446


TIROS VIII
DEC. 31, 1964
PASSES
5454, 5455, 5457, 5456
MCO
MOP
MULTI LAYER
CELLULAR
DISTURBED AREA
2000Z 5451/5456
1625Z 5456 DIR
1645Z 5456 to 5455
1505Z 5454 DIR

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